SCHEMATIC DIAGRAM
PARTS LIST
P.C. BOARD

KENWOOD

PD56-6(D)
PD56-10(D)

Constant-Voltage Current Power Supply

PARTS LIST

MAIN CHASSIS (PD56-10)

Y86-1260-61

REF.NO	PARTS NO	NAME & DESCRIPTION
	A01-1164-13	CASE
	A10-1448-12	CHASSIS
	A20-2794-05	PANEL (DIECAST)
	A21-1081-03	DECORATIVE PANEL
	B07-0713-04	ESCUTCHEON
	B40-2765-04	NAME PLATE (SERIAL NO)
	B40-2877-03	NAME PLATE (KENWOOD)
	B41-0627-14	CAUTION LABEL (LINE VOL)
	B41-0791-04	CAUTION LABEL (FUSE)
	B50-7586-20	INSTRUCTION MANUAL
	E18-0363-05	INLET SOCKET
	E20-0491-05	TERMINAL BLOCK 4P
	E20-1291-15	TERMINAL BLOCK 12P
	E21-0653-03	TERMINAL (BULE)
	E21-0665-03	TERMINAL (GLAY)
	E21-0666-03	TERMINAL (RED)
	E23-0541-05	EARTH LUG
	E23-0542-05	EARTH LUG
	E29-0506-04	SHORTING BAR (PANEL)
	E29-0536-14	SHORTING BAR (CONTROL TERM.)
	E29-0537-14	SHORTING BAR (REAR OUT PUT)
	E30-1819-05	CEE CORD
	E31-2753-05	LEAD WIRE WITH CONNECTOR
	E33-4109-00	WIRE ASSY
	F01-0853-14	HEAT SINK
	F01-0854-34	HEAT SINK
	F06-8023-05	FUSE (8A)
	F19-0712-05	CAP FOR DP-652
	F20-0625-04	INSULATOR
	F20-0657-25	INSULATOR
	H01-5811-14	CARTON BOx
	H10-2823-12	FOAMED STYRENE PAD (F)
	H10-2824-12	FOAMED STYRENE PAD (R)
	H21-0806-04	PROTECTION SHEET (SET)
	H21-0831-14	PROTECTION SHEET (AC CORD)
	H25-0029-04	POLYETHYLENE BAG (FUSE)
	J02-0049-14	LEG
	J11-0504-05	CLAMPER
	J13-0506-05	FUSE HOLDER
	J21-0392-04	HOLDER FOR OUTPUT LEAD
	J21-2912-05	HOLDER FOR LED
	J21-2948-04	BRACKET
	J21-2949-04	BRACKET
	J21-4557-04	BRACKET (FOR TRANSISTOR)
	J21-4558-04	BRACKET (FOR TRANSISTOR)
	J21-4559-14	BRACKET (FOR HEAT SINK)
	J21-4560-04	BRACKET (FOR HEAT SINK)
	J21-4561-04	BRACKET (FOR METER)
	J21-4570-23	BRACKET (FOR PCB)
	J21-4577-05	BRACKET
	J32-0876-05	BOSS
	J61-0049-05	WIRE BAND
	J61-0525-05	WIRE WRAPPING BAND
	J61-0526-05	BOARD SUPPORT

REF.NO	PARTS NO	NAME & DESCRIPTION			
	K01-0409-05	HANDLE			
	K21-0877-13	KNOB			
	K27-0528-14	KNOB			
	N09-0623-04	SCREW	M 3X8		
	N09-0626-04	SCREW	M 3X10		
	N09-0654-05	SCREW	M 4X8		
	N09-0723-05	SCREW	M 5X10		
	N09-0725-15	SCREW	M 4X12		
	N09-0732-05	SCREW	M 5X8		
	N14-0404-04	NUT			
	N14-0620-05	NUT			
	N19-0717-05	WASHER NONMETAL AC310			
	N19-0726-04	WASHER			
	N30-4016-41	SCREW, PAN HD	M 4X16		
	N32-3006-41	SCREW, FLAT HD	M 3X6		
	N33-4008-41	SCREW	M 2.6X5		
	N88-4012-41	SCREW, FLAT HD TAP TITE			
	N89-3008-41	SCREW, BINDING TAP TITE			
	N89-3012-41	SCREW, BINDING TAP TITE			
	N89-3014-41	SCREW, BINDING TAP TITE			
	N89-4014-41	SCREW, BINDING TAP TITE			
	S51-1518-05	THERMAL SENSOR			
	T40-0405-05	INDUCTION MOTOR			
	X73-1690-00	AMPLIFIER UNIT			
	X77-1400-03	OVER VOLTAGE PROTECTION UNIT			
	X81-1590-01	RECTIFIRE UNIT			
	X81-1980-07	CONSTANT.I UNIT			
	001-0501-05	COATING WIRE			
	212-1018-05	TUBE (PLASTIC)			
	212-3017-05	TUBE (PLASTIC)			
C001	C90-0959-05	CAP.ELECTRO	1000		80V
C002	C90-0960-05	CAP. ELECTRO	580	20%	63V
C003	C90-0961-05	CAP. ELECTRO	660	20%	63V
C004	C91-1243-05	CAP. CERAMIC	0.47	10%	250V
C005	NO USE				
C006	E31-2686-05	SPARK KILLER A'SSY			
C010	CE04W1E101M	CAP. ELECTRO	100	20%	25V
C011	CE04W1E101M	CAP. ELECTRO	100	20%	25V
D001	CR09E	TRYRISTOR			
D002	CR09E	TRYRISTOR			
D008	E31-2517-05	LEAD WIRE WITH CONNECTOR			
D009	E31-2517-05	LEAD WIRE WITH CONNECTOR			
D010	E31-2518-05	LEAD WIRE WITH CONNECTOR			
D011	TNR15G431K	VARISTOR			
M001	B31-0732-05	METER (56V-10A)			
M002	B31-0732-05	METER (56V-10A)			
P001	E31-2752-05	LEAD WIRE WITH CONNECTOR			
P002	E31-2752-05	LEAD WIRE WITH CONNECTOR			
P003	E31-2607-05	LEAD WIRE WITH CONNECTOR			
P004	E31-2606-05	LEAD WIRE WITH CONNECTOR			
P005	E31-2514-05	LEAD WIRE WITH CONNCTOR			

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION
P009	E31-2514-05	LEAD WIRE WITH CONNCTOR
P010	E31-2517-05	LEAD WIRE WITH CONNECTOR
P011	E31-2517-05	LEAD WIRE WITH CONNECTOR
P012	E31-2518-05	LEAD WIRE WITH CONNECTOR
P309	E31-2751-05	LEAD WIRE WITH CONNECTOR
R010	R92-1172-05	RES. FIXED 0.036
R014	R92-1188-05	RES. FIXED 270
R020	R92-1170-05	RES. FIXED 1K
S001	S59-1502-05	SWITCH (CIRCUIT PROTECTOR)
T001	L01-9626-05	POWER TRANSFORMER
T002	L15-0409-05	CHORK COIL
VR001	R29-0505-05	V.R. 10K
VR002	R05-3508-05	V.R. 10K

MAIN CHASSIS (PD56-10D)

Y86-1270-61

REF.NO	PARTS NO	NAME & DESCRIPTION
	A01-1164-13	CASE
	A10-1448-12	CHASSIS
	A20-2794-05	PANEL (DIECAST)
	A21-1088-03	DECORATIVE PANEL
	B07-0713-04	ESCUTCHEON
	B19-0743-03	FILTER
	B40-2765-04	NAME PLATE (SERIAL NO)
	B40-2875-03	NAME PLATE (KENWOOD)
	B41-0627-14	CAUTION LABEL (LINE VOL)
	B41-0791-04	CAUTION LABEL (FUSE)
	B50-7586-20	INSTRUCTION MANUAL
	E18-0363-05	INLET SOCKET
	E20-0491-05	TERMINAL BLOCK 4P
	E20-1291-15	TERMINAL BLOCK 12P
	E21-0653-03	TERMINAL (BULE)
	E21-0665-03	TERMINAL (GLAY)
	E21-0666-03	TERMINAL (RED)
	E23-0541-05	EARTH LUG
	E23-0542-05	EARTH LUG
	E29-0506-04	SHORTING BAR (PANEL)
	E29-0536-14	SHORTING BAR (CONTROL TERM.)
	E29-0537-14	SHORTING BAR (REAR OUT PUT)
	E30-1819-05	CEE CORD
	E31-2753-05	LEAD WIRE WITH CONNECTOR
	E33-4109-00	WIRE ASSY
	F01-0853-14	HEAT SINK
	F01-0854-34	HEAT SINK
	F06-8023-05	FUSE (8A)
	F07-0928-05	COVER
	F19-0712-05	CAP FOR DP-652
	F20-0625-04	INSULATOR
	F20-0647-05	INSULATOR
	F20-0657-25	INSULATOR
	H01-5809-14	CARTON BOX
	H10-2823-12	FOAMED STYRENE PAD (F)
	H10-2824-12	FOAMED STYRENE PAD (R)
	H21-0806-04	PROTECTION SHEET (SET)
	H21-0831-14	PROTECTION SHEET (AC CORD)
	H25-0029-04	POLYETHYLENE BAG (FUSE)
	J02-0049-14	LEG
	J11-0504-05	CLAMPER
	J13-0506-05	FUSE HOLDER
	J19-1620-05	CORD CLAMP
	J21-0392-04	HOLDER FOR OUTPUT LEAD
	J21-2912-05	HOLDER FOR LED
	J21-2948-04	BRACKET
	J21-2949-04	BRACKET
	J21-4513-03	BRACKET FOR PCB
	J21-4557-04	BRACKET (FOR TRANSISTOR)
	J21-4558-04	BRACKET (FOR TRANSISTOR)
	J21-4559-14	BRACKET (FOR HEAT SINK)
	J21-4560-04	BRACKET (FOR HEAT SINK)
	J21-4570-23	BRACKET (FOR PCB)
	J21-4577-05	BRACKET
	J32-0876-05	BOSS
	J61-0049-05	WIRE BAND
	J61-0525-05	WIRE WRAPPING BAND
	J61-0526-05	BOARD SUPPORT
	K01-0409-05	HANDLE
	K21-0877-13	KNOB
	K27-0528-14	KNOB
	N09-0623-04	SCREW M 3X8
	N09-0626-04	SCREW M 3X10
	N09-0654-05	SCREW M 4X8
	N09-0723-05	SCREW M 5X10
	N09-0725-15	SCREW M 4X12
	N09-0732-05	SCREW M 5X8
	N14-0404-04	NUT
	N14-0620-05	NUT
	N19-0191-05	WASHER NONMETAL
	N19-0717-05	WASHER NONMETAL AC310
	N19-0726-04	WASHER
	N32-3006-41	SCREW, FLAT HD M 3X6
	N32-3008-41	SCREW, FLAT HD M 3X8
	N33-4008-41	SCREW M 2.6X5
	N88-4012-41	SCREW, FLAT HD TAP TITE
	N89-3008-41	SCREW, BINDING TAP TITE
	N89-3012-41	SCREW, BINDING TAP TITE
	N89-3014-41	SCREW, BINDING TAP TITE
	N89-4014-41	SCREW, BINDING TAP TITE
	S51-1518-05	THERMAL SENSOR
	T40-0405-05	INDUCTION MOTOR
	X73-1700-00	AMPLIFIER UNIT
	X76-1260-07	DIGITAL PANEL METER UNIT
	X77-1400-03	OVER VOLTAGE PROTECTION UNIT
	X81-1590-01	RECTIFIRE UNIT
	X81-1980-07	CONSTANT.I UNIT
	001-0501-05	COATING WIRE
	212-1018-05	TUBE (PLASTIC)
	212-3017-05	TUBE (PLASTIC)
C001	C90-0959-05	CAP.ELECTRO 1000 80V
C002	C90-0960-05	CAP. ELECTRO 580 20% 63V
C003	C90-0961-05	CAP. ELECTRO 660 20% 63V
C004	C91-1243-05	CAP. CERAMIC 0.47 10% 250V
C005	NO USE	
C006	E31-2686-05	SPARK KILLER A'SSY
C010	CE04W1E101M	CAP. ELECTRO 100 20% 25V
C011	CE04W1E101M	CAP. ELECTRO 100 20% 25V
D001	CR09E	TRYRISTOR
D002	CR09E	TRYRISTOR
D008	E31-2517-05	LEAD WIRE WITH CONNECTOR
D009	E31-2517-05	LEAD WIRE WITH CONNECTOR
D010	E31-2518-05	LEAD WIRE WITH CONNECTOR
D011	TNR15G431K	VARISTOR
P001	E31-2752-05	LEAD WIRE WITH CONNECTOR
P002	E31-2752-05	LEAD WIRE WITH CONNECTOR
P005	E31-2514-05	LEAD WIRE WITH CONNCTOR
P009	E31-2514-05	LEAD WIRE WITH CONNCTOR
P010	E31-2517-05	LEAD WIRE WITH CONNECTOR
P011	E31-2517-05	LEAD WIRE WITH CONNECTOR
P012	E31-2518-05	LEAD WIRE WITH CONNECTOR
P201	E31-2519-05	LEAD WIRE A'SSY IC,TRANS FORMER
P202	E31-2519-05	LEAD WIRE A'SSY IC,TRANS FORMER
P203	E31-2519-05	LEAD WIRE A'SSY IC,TRANS FORMER
P204	NO USE	
P205	E31-2750-05	LEAD WIRE WITH CONNECTOR
P309	E31-2751-05	LEAD WIRE WITH CONNECTOR
R010	R92-1172-05	RES. FIXED 0.036
R014	R92-1188-05	RES. FIXED 270
R020	R92-1170-05	RES. FIXED 1K
S001	S59-1502-05	SWITCH (CIRCUIT PROTECTOR)
T001	L01-9626-05	POWER TRANSFORMER
T002	L15-0409-05	CHORK COIL
U203	UPC7805H	IC, VOLTAGE REGULATOR
U204	UPC7805H	IC, VOLTAGE REGULATOR
VR001	R29-0505-05	V.R. 10K
VR002	R05-3508-05	V.R. 10K

PARTS LIST

MAIN CHASSIS (PD56-6)

Y86-1280-61

REF.NO	PARTS NO	NAME & DESCRIPTION
	A01-1152-03	CASE
	A10-1446-22	CHASSIS
	A20-2794-05	PANEL (DIECAST)
	A21-1081-03	DECORATIVE PANEL
	B07-0713-04	ESCUTCHEON
	B40-2765-04	NAME PLATE (SERIAL NO)
	B40-2879-03	NAME PLATE
	B41-0627-14	CAUTION LABEL (LINE VOL)
	B41-0792-04	CAUTION LABEL
	B50-7586-20	INSTRUCTION MANUAL
	E18-0363-05	INLET SOCKET
	E20-0491-05	TERMINAL BLOCK 4P
	E20-1291-15	TERMINAL BLOCK 12P
	E21-0653-03	TERMINAL (BULE)
	E21-0665-03	TERMINAL (GLAY)
	E21-0666-03	TERMINAL (RED)
	E23-0541-05	EARTH LUG
	E23-0542-05	EARTH LUG
	E29-0506-04	SHORTING BAR (PANEL)
	E29-0536-14	SHORTING BAR (CONTROL TERM.)
	E29-0537-14	SHORTING BAR (REAR OUT PUT)
	E30-1819-05	CEE CORD
	E31-2754-05	LEAD WIRE WITH CONNECTOR
	E33-4094-00	WIRE ASSY
	F01-0853-14	HEAT SINK
	F01-0854-34	HEAT SINK
	F04-5021-05	FUSE
	F19-0712-05	CAP FOR DP-652
	F20-0657-25	INSULATOR
	H01-5813-14	CARTON BOX
	H10-2823-12	FOAMED STYRENE PAD (F)
	H10-2824-12	FOAMED STYRENE PAD (R)
	H21-0806-04	PROTECTION SHEET (SET)
	H21-0831-14	PROTECTION SHEET (AC CORD)
	H25-0029-04	POLYETHYLENE BAG (FUSE)
	J02-0049-14	LEG
	J11-0504-05	CLAMPER
	J13-0506-05	FUSE HOLDER
	J21-0392-04	HOLDER FOR OUTPUT LEAD
	J21-2912-05	HOLDER FOR LED
	J21-2948-04	BRACKET
	J21-2949-04	BRACKET
	J21-4557-04	BRACKET (FOR TRANSISTOR)
	J21-4558-04	BRACKET (FOR TRANSISTOR)
	J21-4559-14	BRACKET (FOR HEAT SINK)
	J21-4560-04	BRACKET (FOR HEAT SINK)
	J21-4561-04	BRACKET (FOR METER)
	J21-4570-23	BRACKET (FOR PCB)
	J32-0876-05	BOSS
	J61-0049-05	WIRE BAND
	J61-0525-05	WIRE WRAPPING BAND
	J61-0526-05	BOARD SUPPORT
	K01-0410-05	HANDLE
	K21-0877-03	KNOB
	K27-0528-14	KNOB
	N09-0623-04	SCREW M 3X8
	N09-0626-04	SCREW M 3X10
	N09-0654-05	SCREW M 4X8
	N09-0723-05	SCREW M 5X10
	N09-0725-15	SCREW M 4X12
	N09-0732-05	SCREW M 5X8
	N14-0404-04	NUT
	N14-0620-05	NUT
	N19-0717-05	WASHER NONMETAL AC310
	N19-0726-04	WASHER
	N30-4016-41	SCREW, PAN HD M 4X16
	N32-3006-41	SCREW, FLAT HD M 3X6
	N33-4008-41	SCREW M 2.6X5
	N88-4012-41	SCREW, FLAT HD TAP TITE
	N89-3008-41	SCREW, BINDING TAP TITE
	N89-3012-41	SCREW, BINDING TAP TITE
	N89-3014-41	SCREW, BINDING TAP TITE
	N89-4014-41	SCREW, BINDING TAP TITE
	S51-1518-05	THERMAL SENSOR
	T40-0405-05	INDUCTION MOTOR
	X73-1690-00	AMPLIFIER UNIT
	X77-1400-03	OVER VOLTAGE PROTECTION UNIT
	X81-1590-02	RECTIFIRE UNIT
	X81-1850-00	CURRENT DIFECTER UNIT
	X81-1980-08	CONSTANT.I UNIT
	001-0501-05	COATING WIRE

REF.NO	PARTS NO	NAME & DESCRIPTION			
	212-1018-05	TUBE (PLASTIC)			
	212-3017-05	TUBE (PLASTIC)			
C001	C90-0962-05	CAP. ELECTRO	6800		80V
C002	C90-0960-05	CAP. ELECTRO	580	20%	63V
C003	C90-0961-05	CAP. ELECTRO	660	20%	63V
C004	C91-1243-05	CAP. CERAMIC	0.47	10%	250V
C005	NO USE				
C006	E31-2686-05	SPARK KILLER A'SSY			
C010	CE04W1E101M	CAP. ELECTRO	100	20%	25V
C011	CE04W1E101M	CAP. ELECTRO	100	20%	25V
D001	CR09E	TRYRISTOR			
D002	CR09E	TRYRISTOR			
D008	E31-2517-05	LEAD WIRE WITH CONNECTOR			
D009	E31-2517-05	LEAD WIRE WITH CONNECTOR			
D010	E31-2518-05	LEAD WIRE WITH CONNECTOR			
D011	TNR15G431K	VARISTOR			
M001	B31-0733-05	METER			
M002	B31-0733-05	METER			
P001	E31-2755-05	LEAD WIRE WITH CONNECTOR			
P002	E31-2755-05	LEAD WIRE WITH CONNECTOR			
P003	E31-2607-05	LEAD WIRE WITH CONNECTOR			
P004	E31-2606-05	LEAD WIRE WITH CONNECTOR			
P005	E31-2514-05	LEAD WIRE WITH CONNCTOR			
P009	E31-2514-05	LEAD WIRE WITH CONNCTOR			
P010	E31-2517-05	LEAD WIRE WITH CONNECTOR			
P011	E31-2517-05	LEAD WIRE WITH CONNECTOR			
P012	E31-2518-05	LEAD WIRE WITH CONNECTOR			
P309	E31-2751-05	LEAD WIRE WITH CONNECTOR			
R014	R92-1188-05	RES. FIXED	270		
R020	R92-1170-05	RES. FIXED	1K		
S001	S59-1502-05	SWITCH (CIRCUIT PROTECTOR)			
T001	L01-9636-05	POWER TRANSFORMER			
T002	L15-0410-05	CHOKE			
VR001	R29-0505-05	V.R.	10K		
VR002	R05-3508-05	V.R.	10K		

MAIN CHASSIS (PD56-6D)

Y86-1290-61

REF.NO	PARTS NO	NAME & DESCRIPTION
	A01-1152-03	CASE
	A10-1446-22	CHASSIS
	A20-2794-05	PANEL (DIECAST)
	A21-1088-03	DECORATIVE PANEL
	B07-0713-04	ESCUTCHEON
	B19-0738-13	FILTER
	B40-2765-04	NAME PLATE (SERIAL NO)
	B40-2873-03	NAME PLATE (KENWOOD)
	B41-0627-14	CAUTION LABEL (LINE VOL)
	B41-0792-04	CAUTION LABEL
	B50-7586-20	INSTRUCTION MANUAL
	E18-0363-05	INLET SOCKET
	E20-0491-05	TERMINAL BLOCK 4P
	E20-1291-15	TERMINAL BLOCK 12P
	E21-0653-03	TERMINAL (BULE)
	E21-0665-03	TERMINAL (GLAY)
	E21-0666-03	TERMINAL (RED)
	E23-0541-05	EARTH LUG
	E23-0542-05	EARTH LUG
	E29-0506-04	SHORTING BAR (PANEL)
	E29-0536-14	SHORTING BAR (CONTROL TERM.)
	E29-0537-14	SHORTING BAR (REAR OUT PUT)
	E30-1819-05	CEE CORD
	E31-2754-05	LEAD WIRE WITH CONNECTOR
	E33-4094-00	WIRE ASSY
	F01-0853-14	HEAT SINK
	F01-0854-34	HEAT SINK
	F04-5021-05	FUSE
	F07-0928-05	COVER
	F19-0712-05	CAP FOR DP-652
	F20-0647-05	INSULATOR
	F20-0657-25	INSULATOR

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION
	H01-5807-14	CARTON BOX
	H10-2823-12	FOAMED STYRENE PAD (F)
	H10-2824-12	FOAMED STYRENE PAD (R)
	H21-0806-04	PROTECTION SHEET (SET)
	H21-0831-14	PROTECTION SHEET (AC CORD)
	H25-0029-04	POLYETHYLENE BAG (FUSE)
	J02-0049-14	LEG
	J11-0504-05	CLAMPER
	J13-0506-05	FUSE HOLDER
	J19-1620-05	CORD CLAMP
	J21-0392-04	HOLDER FOR OUTPUT LEAD
	J21-2912-05	HOLDER FOR LED
	J21-2948-04	BRACKET
	J21-2949-04	BRACKET
	J21-4513-03	BRACKET FOR PCB
	J21-4557-04	BRACKET (FOR TRANSISTOR)
	J21-4558-04	BRACKET (FOR TRANSISTOR)
	J21-4559-14	BRACKET (FOR HEAT SINK)
	J21-4560-04	BRACKET (FOR HEAT SINK)
	J21-4570-23	BRACKET (FOR PCB)
	J32-0876-05	BOSS
	J61-0049-05	WIRE BAND
	J61-0525-05	WIRE WRAPPING BAND
	J61-0526-05	BOARD SUPPORT
	K01-0410-05	HANDLE
	K21-0877-13	KNOB
	K27-0528-14	KNOB
	N09-0623-04	SCREW M 3X8
	N09-0626-04	SCREW M 3X10
	N09-0654-05	SCREW M 4X8
	N09-0723-05	SCREW M 5X10
	N09-0725-15	SCREW M 4X12
	N09-0732-05	SCREW M 5X8
	N14-0404-04	NUT
	N14-0620-05	NUT
	N19-0191-05	WASHER NONMETAL
	N19-0717-05	WASHER NONMETAL AC310
	N19-0726-04	WASHER
	N32-3006-41	SCREW, FLAT HD M 3X6
	N32-3008-41	SCREW, FLAT HD M 3X8
	N33-4008-41	SCREW M 2.6X5
	N88-4012-41	SCREW, FLAT HD TAP TITE
	N89-3008-41	SCREW, BINDING TAP TITE
	N89-3012-41	SCREW, BINDING TAP TITE
	N89-3014-41	SCREW, BINDING TAP TITE
	N89-4014-41	SCREW, BINDING TAP TITE
	S51-1518-05	THERMAL SENSOR
	T40-0405-05	INDUCTION MOTOR
	X73-1700-00	AMPLIFIER UNIT
	X76-1260-08	DIGITAL PANEL METER UNIT
	X77-1400-03	OVER VOLTAGE PROTECTION UNIT
	X81-1590-02	RECTIFIRE UNIT
	X81-1850-01	CURRENT DIFECTER UNIT
	X81-1980-08	CONSTANT.I UNIT
	001-0501-05	COATING WIRE
	212-1018-05	TUBE (PLASTIC)
	212-3017-05	TUBE (PLASTIC)
C001	C90-0962-05	CAP. ELECTRO 6800 80V
C002	C90-0960-05	CAP. ELECTRO 580 20% 63V
C003	C90-0961-05	CAP. ELECTRO 660 20% 63V
C004	C91-1243-05	CAP. CERAMIC 0.47 10% 250V
C005	NO USE	
C006	E31-2686-05	SPARK KILLER A'SSY
C010	CE04W1E101M	CAP. ELECTRO 100 20% 25V
C011	CE04W1E101M	CAP. ELECTRO 100 20% 25V
D001	CR09E	TRYRISTOR
D002	CR09E	TRYRISTOR
D008	E31-2517-05	LEAD WIRE WITH CONNECTOR
D009	E31-2517-05	LEAD WIRE WITH CONNECTOR
D010	E31-2518-05	LEAD WIRE WITH CONNECTOR
D011	TNR15G431K	VARISTOR
P001	E31-2755-05	LEAD WIRE WITH CONNECTOR
P002	E31-2755-05	LEAD WIRE WITH CONNECTOR
P005	E31-2514-05	LEAD WIRE WITH CONNCTOR
P009	E31-2514-05	LEAD WIRE WITH CONNCTOR
P010	E31-2517-05	LEAD WIRE WITH CONNECTOR
P011	E31-2517-05	LEAD WIRE WITH CONNECTOR
P012	E31-2518-05	LEAD WIRE WITH CONNECTOR
P201	E31-2519-05	LEAD WIRE A'SSY IC,TRANSFORMER
P202	E31-2519-05	LEAD WIRE A'SSY IC,TRANSFORMER
P203	E31-2519-05	LEAD WIRE A'SSY IC,TRANSFORMER
P204	NO USE	
P205	E31-2756-05	LEAD WIRE WITH CONNECTOR
P309	E31-2751-05	LEAD WIRE WITH CONNECTOR
R014	R92-1188-05	RES. FIXED 270
R020	R92-1170-05	RES. FIXED 1K
S001	S59-1502-05	SWITCH (CIRCUIT PROTECTOR)
T001	L01-9636-05	POWER TRANSFORMER
T002	L15-0410-05	CHOKE
U203	UPC7805H	IC, VOLTAGE REGULATOR
U204	UPC7805H	IC, VOLTAGE REGULATOR
VR001	R29-0505-05	V.R. 10K
VR002	R05-3508-05	V.R. 10K

AMPLIFIER UNIT (PD56-6/10)

X73-1690-00

REF.NO	PARTS NO	NAME & DESCRIPTION
	E23-0047-04	TERMINAL
	F01-0846-05	HEAT SINK
	F01-0856-14	HEAT SINK
	J25-5159-12	PCB (UNMOUNTED)
	N09-0623-04	SCREW M 3X8
	212-1018-05	TUBE (PLASTIC)
	212-2010-05	TUBE (PLASTIC)
C001	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C002	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C003	C90-0924-05	CAP. ELECTRO 330 50V
C004	CE04W1E100M	CAP. ELECTRO 10 20% 25V
C005	CE04DW1E221M	CAP. ELECTRO 220 20% 25V
C006	C90-0939-05	CAP. ELECTRO 470 35V
C007	CE04W1E100M	CAP. ELECTRO 10 20% 25V
C008	CE04W1E100M	CAP. ELECTRO 10 20% 25V
C009	CE04DW1E221M	CAP. ELECTRO 220 20% 25V
C010	C90-0924-05	CAP. ELECTRO 330 50V
C011	CE04W1E101M	CAP. ELECTRO 100 20% 25V
C012	CE04W1HR33M	CAP. ELECTRO 0.33 20% 50V
C013	CE04W1H4R7M	CAP. ELECTRO 4.7 20% 50V
C014	CE04W1E100M	CAP. ELECTRO 10 20% 25V
C015	CE04AW1H010M	CAP. ELECTRO 1 20% 50V
C016	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C017	CE04AW1H010M	CAP. ELECTRO 1 20% 50V
C018	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C019	CE04AW1JR82M	CAP. ELECTRO 0.82 20% 63V
C020	CQ92P2A471J	CAP. MYLAR 470P 5% 100V
C021	NO USE	
C022	CQ92P2A332J	CAP. MYLAR 3300P 5% 100V
C023	NO USE	
C024	CF92V1H332J	CAP. POLYESTER 3300P 5% 50V
C028	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C029	NO USE	
C030	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C031	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C032	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C033	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C034	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C035	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C036	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C037	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C038	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C039	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C040	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C041	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C042	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C043	CC45CH1H101J	CAP. CERAMIC 100P 5% 50V
C044	CF92V1H472J	CAP. POLYESTER 4700P 5% 50V
C045	CF92V1H472J	CAP. POLYESTER 4700P 5% 50V
C050	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C051	CF92V1H473J	CAP. POLYESTER 0.047 5% 50V
C052	C90-0924-05	CAP. ELECTRO 330 50V
C053	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C054	CF92V1H103J	CAP. POLYESTER 0.01 5% 50V
C055	CE04W1E100M	CAP. ELECTRO 10 20% 25V
C056	C90-0924-05	CAP. ELECTRO 330 50V

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION			
C057	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C058	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C059	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C060	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C061	CC45CH1H470J	CAP. CERAMIC	47P	5%	50V
C062	C91-0595-05	CAP. POLYESTER	0.033	2%	50V
C063	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C064	CF92V1H102J	CAP. POLYESTER	1000P	5%	50V
C065	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C066	CF92V1H472J	CAP. POLYESTER	4700P	5%	50V
C067	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C068	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C069	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C073	CF92V1H224J	CAP. POLYESTER	0.22	5%	50V
C074	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C075	NO USE				
C076	CE04W1C471M	CAP. ELECTRO	470	20%	16V
D001	S1VB20	DIODE			
D002	S1VB20	DIODE			
D003	DSA1A2	DIODE			
D004	DSA1A2	DIODE			
D005	NO USE				
D006	RD13F(B2)	DIODE ZENER	13V		
D007	MTZ9.1JC	DIODE ZENER	9V		
D008	1SS132	DIODE			
D009	RD13F(B2)	DIODE ZENER	13V		
D010	MTZ9.1JC	DIODE ZENER	9V		
D011	1SS132	DIODE			
D012	MTZ4.7JA	DIODE ZENER	4.5V		
D013	1SS132	DIODE			
D014	1SZ59(T)	DIODE ZENER	6.25V		
D015	1SZ59(T)	DIODE ZENER	6.25V		
D016	1SS132	DIODE			
D017	1SS132	DIODE			
D018	1SS132	DIODE			
D019	1SS132	DIODE			
D020	1SS132	DIODE			
D021	1SS132	DIODE			
D022	1SS132	DIODE			
D023	1SS132	DIODE			
D024	1SS132	DIODE			
D025	1SS132	DIODE			
D026	1SS132	DIODE			
D027	1SS132	DIODE			
D028	MTZ5.1JB	DIODE, ZENER	5V		
D029	1SS132	DIODE			
D030	MTZ5.1JB	DIODE, ZENER	5V		
D031	DSA1A2	DIODE			
D032	DSA1A2	DIODE			
D040	S1VB20	DIODE			
D041	S1VB20	DIODE			
D042	DSA1A2	DIODE			
D043	DSA1A2	DIODE			
D044	DSA1A2	DIODE			
D045	DSA1A2	DIODE			
D046	MTZ6.2JB	DIODE ZENER	6.1V		
D047	1SS132	DIODE			
D048	1SS132	DIODE			
D049	1SS132	DIODE			
D050	1SS132	DIODE			
D051	RD10F(B2)	DIODE ZENER	10V		
D052	RD10F(B2)	DIODE ZENER	10V		
D053	1SS132	DIODE			
D054	1SS132	DIODE			
D055	1SS132	DIODE			
D056	1SS132	DIODE			
D057	1SS132	DIODE			
D058	1SS132	DIODE			
D059	MTZ8.2JC	DIODE ZENER	9.6V		
D060	1SS132	DIODE			
D061	1SS132	DIODE			
D062	1SS132	DIODE			
D063	1SS132	DIODE			
D064	1SS132	DIODE			
D065	1SS132	DIODE			
P003	E40-0273-05	PIN CONNECTOR	2 P		
P004	E40-0273-05	PIN CONNECTOR	2 P		
Q001	2SD1406(Y)	TR. SI, NPN			
Q002	2SC2785(F)	TR. SI, NPN			
Q003	2SC2785(F)	TR. SI, NPN			
Q004	2SA1021(O)	TR. SI, PNP			

REF.NO	PARTS NO	NAME & DESCRIPTION
Q005	2SB1015(Y)	TR. SI, PNP
Q006	2SA1175(F)	TR. SI, PNP
Q007	2SA1175(F)	TR. SI, PNP
Q008	2SC2481(O)	TR. SI, NPN
Q009	2SC3064(F)	TR. SI, NPN
Q010	2SC2785(F)	TR. SI, NPN
Q011	2SC2785(F)	TR. SI, NPN
Q012	2SC2459(GR)	TR. SI, NPN
Q013	2SC2481(O)	TR. SI, NPN
Q014	2SK170(BL)	FET, N-CHANNEL
Q015	2SK170(BL)	FET, N-CHANNEL
Q016	2SK170(BL)	FET, N-CHANNEL
Q017	2SK170(BL)	FET, N-CHANNEL
Q020	2SK170(BL)	FET, N-CHANNEL
Q021	2SC2785(F)	TR. SI, NPN
Q022	2SC2481(O)	TR. SI, NPN
Q023	2SC2481(O)	TR. SI, NPN

R001	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R002	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R003	RD14DB3D471J	RES. CARBON	470	5%	2W
R004	R92-1161-05	RES. CARBON	560	5%	1/4W
R005	RD14DB2H512J	RES. CARBON	5.1K	5%	1/2W
R006	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R007	RD14DB2H2R7J	RES. CARBON	2.7	5%	1/2W
R008	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R009	R92-1144-05	RES. MRTAL FILM	7.5K	1%	1/5W
R010	R92-1144-05	RES. MRTAL FILM	7.5K	1%	1/5W
R011	RD14DB3D471J	RES. CARBON	470	5%	2W
R012	R92-1161-05	RES. CARBON	560	5%	1/4W
R013	RD14DB2H512J	RES. CARBON	5.1K	5%	1/2W
R014	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R015	RD14DB2H2R7J	RES. CARBON	2.7	5%	1/2W
R016	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R017	RD14BB2C682J	RES. CARBON	6.8K	5%	1/6W
R018	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R019	R92-1131-05	RES. MRTAL FILM	430	1%	1/5W
R020	R92-1139-05	RES. METAL FILM	3.09K	1%	1/5W
R021	R92-1140-05	RES. METAL FILM	4.3K	1%	1/5W
R024	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R025	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R026	RD14BB2C243J	RES. CARBON	24K	5%	1/6W
R027	RD14BB2C121J	RES. CARBON	120	5%	1/6W
R028	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R029	RD14BB2C181J	RES. CARBON	180	5%	1/6W
R030	RN14BE2E5101D	RES. METAL FILM	5.1K	0.5%	1/4W
R031	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R032	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R033	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R034	RD14BB2C151J	RES. CARBON	150	5%	1/6W
R035	R92-1146-05	RES. METAL FILM	11K	1%	1/5W
R036	RN14BE2E5601D	RES. METAL FILM	5.6K	0.5%	1/4W
R037	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R038	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R039	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R040	RD14BB2C221J	RES. CARBON	220	5%	1/6W
R041	NO USE				
R042	RN14BE2H1002D	RES. METAL FILM	10K	0.5%	1/2W
R043	RN14BE2H2802D	RES. METAL FILM	28K	0.5%	1/2W
R044	RN14BE2H2802D	RES. METAL FILM	28K	0.5%	1/2W
R045	RN14BE2H1002D	RES. METAL FILM	10K	0.5%	1/2W
R046	RN14BE2H3740D	RES. METAL FILM	374	0.5%	1/2W
R047	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R048	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R049	R92-1148-05	RES. METAL FILM	18K	1%	1/5W
R050	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R051	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R052	R92-1134-05	RES. METAL FILM	1K	1%	1/5W
R053	RD14BB2C162J	RES. CARBON	1.6K	5%	1/6W
R054	R92-1140-05	RES. METAL FILM	4.3K	1%	1/5W
R055	R92-1131-05	RES. MRTAL FILM	430	1%	1/5W
R056	RD14BB2C122J	RES. CARBON	1.2K	5%	1/6W
R057	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R058	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R059	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R060	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R061	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R062	RD14BB2C122J	RES. CARBON	1.2K	5%	1/6W
R063	RD14BB2C473J	RES. CARBON	47K	5%	1/6W
R064	R92-1145-05	RES. METAL FILM	10K	1%	1/5W
R065	RD14DB3A101J	RES. CARBON	100	5%	1W
R066	R92-1132-05	RES. METAL FILM	712	1%	1/5W
R067	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R068	R92-1150-05	RES. METAL FILM	100K	1%	1/5W

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION		
R069	R92-1141-05	RES. METAL FILM 4.7K	1%	1/5W
R070	R92-1137-05	RES. METAL FILM 150	1%	1/5W
R071	RD14BB2C471J	RES. CARBON 470	5%	1/6W
R072	R92-1143-05	RES. METAL FILM 6.8K	1%	1/5W
R073	R92-1148-05	RES. METAL FILM 18K	1%	1/5W
R074	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R075	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R076	R92-1150-05	RES. METAL FILM 100K	1%	1/5W
R077	R92-1141-05	RES. METAL FILM 4.7K	1%	1/5W
R078	R92-1137-05	RES. METAL FILM 150	1%	1/5W
R079	RD14BB2C471J	RES. CARBON 470	5%	1/6W
R080	R92-1143-05	RES. METAL FILM 6.8K	1%	1/5W
R081	R92-1148-05	RES. METAL FILM 18K	1%	1/5W
R082	R92-1142-05	RES. METAL FILM 5.1K	1%	1/5W
R083	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R084	R92-1150-05	RES. METAL FILM 100K	1%	1/5W
R085	R92-1136-05	RES. METAL FILM 82	1%	1/5W
R086	RD14BB2C101J	RES. CARBON 100	5%	1/6W
R087	R92-1142-05	RES. METAL FILM 5.1K	1%	1/5W
R088	R92-1145-05	RES. METAL FILM 10K	1%	1/5W
R089	RD14BB2C333J	RES. CARBON 33K	5%	1/6W
R090	RD14BB2C333J	RES. CARBON 33K	5%	1/6W
R091	NO USE			
R092	RD14BB2C153J	RES. CARBON 15K	5%	1/6W
R093	RD14BB2C473J	RES. CARBON 47K	5%	1/6W
R094	RD14BB2C473J	RES. CARBON 47K	5%	1/6W
R095	RD14BB2C241J	RES. CARBON 240	5%	1/6W
R098	R92-1061-05	JUMPING RES. ZERO OHM		
R099	NO USE			
R100	RD14BB2C101J	RES. CARBON 100	5%	1/6W
R101	RD14BB2C101J	RES. CARBON 100	5%	1/6W
R102	RD14DB2H392J	RES. CARBON 3.9K	5%	1/2W
R103	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R104	RD14BB2C153J	RES. CARBON 15K	5%	1/6W
R105	RD14BB2C123J	RES. CARBON 12K	5%	1/6W
R106	RD14BB2C332J	RES. CARBON 3.3K	5%	1/6W
R107	RD14BB2C472J	RES. CARBON 4.7K	5%	1/6W
R108	R92-1152-05	RES. METAL FILM 470K	1%	1/5W
R109	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R110	RD14BB2C222J	RES. CARBON 2.2K	5%	1/6W
R111	R92-1149-05	RES. METAL FILM 22K	1%	1/5W
R112	RD14BB2C682J	RES. CARBON 6.8K	5%	1/6W
R113	R92-1151-05	RES. METAL FILM 330K	1%	1/5W
R114	RD14BB2C470J	RES. CARBON 47	5%	1/6W
R115	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R116	RD14BB2C472J	RES. CARBON 4.7K	5%	1/6W
R117	NO USE			
R118	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R119	RD14BB2C122J	RES. CARBON 1.2K	5%	1/6W
R120	RD14DB3D472J	RES. CARBON 4.7K	5%	2W
R121	RD14BB2C104J	RES. CARBON 100K	5%	1/6W
R122	R92-1076-05	RES. METAL GLAZE 27M	5%	1/2W
R123	RD14BB2C472J	RES. CARBON 4.7K	5%	1/6W
R124	RD14BB2C105J	RES. CARBON 1M	5%	1/6W
R127	RD14BB2C911J	RES. CARBON 910	5%	1/6W
R128	R92-1133-05	RES. METAL FILM 5.6K	1%	1/5W
R129	RD14BB2C472J	RES. CARBON 4.7K	5%	1/6W
R130	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R131	R92-1149-05	RES. METAL FILM 22K	1%	1/5W
R132	RD14BB2C102J	RES. CARBON 1K	5%	1/6W
R133	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R134	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R135	RD14BB2C102J	RES. CARBON 1K	5%	1/6W
R136	RD14BB2C472J	RES. CARBON 4.7K	5%	1/6W
R137	RD14BB2C102J	RES. CARBON 1K	5%	1/6W
R138	RD14BB2C102J	RES. CARBON 1K	5%	1/6W
R139	RD14DB3A330J	RES. CARBON 33	5%	1W
R140	RD14DB3A330J	RES. CARBON 33	5%	1W
R141	RD14DB2H102J	RES. CARBON 1K	5%	1/2W
R142	RD14DB2H102J	RES. CARBON 1K	5%	1/2W
R143	R92-0150-05	JUMPING RES. ZERO OHM		
R144	RD14BB2C103J	RES. CARBON 10K	5%	1/6W
R041	R92-1147-05	RES. METAL FILM 16.2K	1%	1/5W
R117	RD14BB2C224J	RES. CARBON 220K	5%	1/6W
U001	NJM072D	FET INPUT OPERATION AMPLIFIER		
U002	NJM7815A	IC, VOLTAGE REGULATOR		
U003	NJM072D	FET INPUT OPERATION AMPLIFIER		
U004	OP07DP	OPERATIONAL AMPRIFIER		
U005	OP07DP	OPERATIONAL AMPRIFIER		
U006	UPC4558C	OPERATIONAL AMPRIFIER		
U007	NJM072D	FET INPUT OPERATION AMPLIFIER		
U010	NJM7815A	IC, VOLTAGE REGULATOR		
U011	UPC7915HA	IC, VOLTAGE REGULATOR		

REF.NO	PARTS NO	NAME & DESCRIPTION
U012	UPC4558C	OPERATIONAL AMPRIFIER
U013	NJM072D	FET INPUT OPERATION AMPLIFIER
U014	HA17555PS	TIMER
U015	TLP521-1(A)	PHOTO COUPLER
VR001	R12-1532-05	RES. SEMI FIXED 2K B
VR002	R12-4511-05	RES. SEMI FIXED 50K B
VR003	R12-2518-05	RES. SEMI FIXED 5K B
VR004	R12-4511-05	RES. SEMI FIXED 50K B
VR005	R12-3522-05	RES. SEMI FIXED 10K B
VR006	R12-3523-05	RES. SEMI FIXED 20K B
VR007	R12-2513-05	RES. SEMI FIXED 5K B
VR008	R12-4508-05	RES. SEMI FIXED 50K B
VR009	R12-2513-05	RES. SEMI FIXED 5K B
VR010	R12-4508-05	RES. SEMI FIXED 50K B
VR011	R12-4508-05	RES. SEMI FIXED 50K B
VR020	R12-3522-05	RES. SEMI FIXED 10K B

AMPLIFIER UNIT (PD56-6D/10D)

X73-1700-00

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E23-0047-04	TERMINAL			
	F01-0846-05	HEAT SINK			
	F01-0856-14	HEAT SINK			
	J25-5159-12	PCB (UNMOUNTED)			
	N09-0623-04	SCREW	M 3X8		
	212-1018-05	TUBE (PLASTIC)			
	212-2010-05	TUBE (PLASTIC)			
C001	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C002	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C003	C90-0924-05	CAP. ELECTRO	330		50V
C004	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C005	CE04DW1E221M	CAP. ELECTRO	220	20%	25V
C006	C90-0939-05	CAP. ELECTRO	470		35V
C007	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C008	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C009	CE04DW1E221M	CAP. ELECTRO	220	20%	25V
C010	C90-0924-05	CAP. ELECTRO	330		50V
C011	CE04W1E101M	CAP. ELECTRO	100	20%	25V
C012	CE04W1HR33M	CAP. ELECTRO	0.33	20%	50V
C013	CE04W1H4R7M	CAP. ELECTRO	4.7	20%	50V
C014	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C015	CE04AW1H010M	CAP. ELECTRO	1	20%	50V
C016	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C017	CE04AW1H010M	CAP. ELECTRO	1	20%	50V
C018	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C019	CE04AW1JR82M	CAP. ELECTRO	0.82	20%	63V
C020	CQ92P2A471J	CAP. MYLAR	470P	5%	100V
C021	NO USE				
C022	CQ92P2A332J	CAP. MYLAR	3300P	5%	100V
C023	NO USE				
C024	CF92V1H332J	CAP. POLYESTER	3300P	5%	50V
C028	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C029	NO USE				
C030	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C031	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C032	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C033	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C034	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C035	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C036	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C037	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C038	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C039	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C040	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C041	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C042	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C043	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C044	CF92V1H472J	CAP. POLYESTER	4700P	5%	50V
C045	CF92V1H472J	CAP. POLYESTER	4700P	5%	50V
C050	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C051	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C052	C90-0924-05	CAP. ELECTRO	330		50V
C053	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C054	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C055	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C056	C90-0924-05	CAP. ELECTRO	330		50V
C057	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C058	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C059	CE04W1E100M	CAP. ELECTRO	10	20%	25V

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION			
C060	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C061	CC45CH1H470J	CAP. CERAMIC	47P	5%	50V
C062	C91-0595-05	CAP. POLYESTER	0.033	2%	50V
C063	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C064	CF92V1H102J	CAP. POLYESTER	1000P	5%	50V
C065	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C066	CF92V1H472J	CAP. POLYESTER	4700P	5%	50V
C067	CE04W1E100M	CAP. ELECTRO	10	20%	25V
C068	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C069	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C070	CE04AW1E100M	CAP. ELECTRO	10	20%	25V
C071	CE04AW1E100M	CAP. ELECTRO	10	20%	25V
C072	NO USE				
C073	CF92V1H224J	CAP. POLYESTER	0.22	5%	50V
C074	CC45CH1H101J	CAP. CERAMIC	100P	5%	50V
C075	NO USE				
C076	CE04W1C471M	CAP. ELECTRO	470	20%	16V
C201	CE04W1E471M	CAP. ELECTRO	470	20%	25V
C202	CE04W1E470M	CAP. ELECTRO	47	20%	25V
C203	CE04W1E471M	CAP. ELECTRO	470	20%	25V
C204	CE04W1E470M	CAP. ELECTRO	47	20%	25V
C205	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C206	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C207	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C208	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C209	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C210	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C211	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C212	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
D001	S1VB20	DIODE			
D002	S1VB20	DIODE			
D003	DSA1A2	DIODE			
D004	DSA1A2	DIODE			
D005	NO USE				
D006	RD13F(B2)	DIODE ZENER	13V		
D007	MTZ9.1JC	DIODE ZENER	9V		
D008	1SS132	DIODE			
D009	RD13F(B2)	DIODE ZENER	13V		
D010	MTZ9.1JC	DIODE ZENER	9V		
D011	1SS132	DIODE			
D012	MTZ4.7JA	DIODE ZENER	4.5V		
D013	1SS132	DIODE			
D014	1SZ59(T)	DIODE ZENER	6.25V		
D015	1SZ59(T)	DIODE ZENER	6.25V		
D016	1SS132	DIODE			
D017	1SS132	DIODE			
D018	1SS132	DIODE			
D019	1SS132	DIODE			
D020	1SS132	DIODE			
D021	1SS132	DIODE			
D022	1SS132	DIODE			
D023	1SS132	DIODE			
D024	1SS132	DIODE			
D025	1SS132	DIODE			
D026	1SS132	DIODE			
D027	1SS132	DIODE			
D028	MTZ5.1JB	DIODE, ZENER	5V		
D029	1SS132	DIODE			
D030	MTZ5.1JB	DIODE, ZENER	5V		
D031	DSA1A2	DIODE			
D032	DSA1A2	DIODE			
D040	S1VB20	DIODE			
D041	S1VB20	DIODE			
D042	DSA1A2	DIODE			
D043	DSA1A2	DIODE			
D044	DSA1A2	DIODE			
D045	DSA1A2	DIODE			
D046	MTZ6.2JB	DIODE ZENER	6.1V		
D047	1SS132	DIODE			
D048	1SS132	DIODE			
D049	1SS132	DIODE			
D050	1SS132	DIODE			
D051	RD10F(B2)	DIODE ZENER	10V		
D052	RD10F(B2)	DIODE ZENER	10V		
D053	1SS132	DIODE			
D054	1SS132	DIODE			
D055	1SS132	DIODE			
D056	1SS132	DIODE			
D057	1SS132	DIODE			
D058	1SS132	DIODE			
D059	MTZ8.2JC	DIODE ZENER	9.6V		
D060	1SS132	DIODE			
D061	1SS132	DIODE			

REF.NO	PARTS NO	NAME & DESCRIPTION			
D062	1SS132	DIODE			
D063	1SS132	DIODE			
D064	1SS132	DIODE			
D065	1SS132	DIODE			
D201	S1VB20	DIODE			
D202	S1VB20	DIODE			
P003	E40-0273-05	PIN CONNECTOR	2 P		
P004	E40-0273-05	PIN CONNECTOR	2 P		
P201	E40-0673-05	PIN CONNECTOR	6 P		
P202	E40-0373-05	PIN CONNECTOR	3 P		
P203	E40-0373-05	PIN CONNECTOR	3 P		
P204	E40-0673-05	PIN CONNECTOR	6 P		
P205	E40-0273-05	PIN CONNECTOR	2 P		
Q001	2SD1406(Y)	TR. SI, NPN			
Q002	2SC2785(F)	TR. SI, NPN			
Q003	2SC2785(F)	TR. SI, NPN			
Q004	2SA1021(O)	TR. SI, PNP			
Q005	2SB1015(Y)	TR. SI, PNP			
Q006	2SA1175(F)	TR. SI, PNP			
Q007	2SA1175(F)	TR. SI, PNP			
Q008	2SC2481(O)	TR. SI, NPN			
Q009	2SC3064(F)	TR. SI, NPN			
Q010	2SC2785(F)	TR. SI, NPN			
Q011	2SC2785(F)	TR. SI, NPN			
Q012	2SC2459(GR)	TR. SI, NPN			
Q013	2SC2481(O)	TR. SI, NPN			
Q016	2SK170(BL)	FET, N-CHANNEL			
Q017	2SK170(BL)	FET, N-CHANNEL			
Q020	2SK170(BL)	FET, N-CHANNEL			
Q021	2SC2785(F)	TR. SI, NPN			
Q022	2SC2481(O)	TR. SI, NPN			
Q023	2SC2481(O)	TR. SI, NPN			
R001	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R002	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R003	RD14DB3D471J	RES. CARBON	470	5%	2W
R004	R92-1161-05	RES. CARBON	560	5%	1/4W
R005	RD14DB2H512J	RES. CARBON	5.1K	5%	1/2W
R006	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R007	RD14DB2H2R7J	RES. CARBON	2.7	5%	1/2W
R008	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R009	R92-1144-05	RES. MRTAL FILM	7.5K	1%	1/5W
R010	R92-1144-05	RES. MRTAL FILM	7.5K	1%	1/5W
R011	RD14DB3D471J	RES. CARBON	470	5%	2W
R012	R92-1161-05	RES. CARBON	560	5%	1/4W
R013	RD14DB2H512J	RES. CARBON	5.1K	5%	1/2W
R014	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R015	RD14DB2H2R7J	RES. CARBON	2.7	5%	1/2W
R016	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R017	RD14BB2C682J	RES. CARBON	6.8K	5%	1/6W
R018	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R019	R92-1131-05	RES. MRTAL FILM	430	1%	1/5W
R020	R92-1139-05	RES. METAL FILM	3.09K	1%	1/5W
R021	R92-1140-05	RES. METAL FILM	4.3K	1%	1/5W
R024	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R025	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R026	RD14BB2C243J	RES. CARBON	24K	5%	1/6W
R027	RD14BB2C121J	RES. CARBON	120	5%	1/6W
R028	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R029	RD14BB2C181J	RES. CARBON	180	5%	1/6W
R030	RN14BE2E5101D	RES. METAL FILM	5.1K	0.5%	1/4W
R031	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R032	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R033	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R034	RD14BB2C151J	RES. CARBON	150	5%	1/6W
R035	R92-1146-05	RES. METAL FILM	11K	1%	1/5W
R036	RN14BE2E5601D	RES. METAL FILM	5.6K	0.5%	1/4W
R037	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R038	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R039	R92-1138-05	RES. METAL FILM	360	1%	1/5W
R040	RD14BB2C221J	RES. CARBON	220	5%	1/6W
R041	R92-1147-05	RES. METAL FILM	16.2K	1%	1/5W
R042	RN14BE2H1002D	RES. METAL FILM	10K	0.5%	1/2W
R043	RN14BE2H2802D	RES. METAL FILM	28K	0.5%	1/2W
R044	RN14BE2H2802D	RES. METAL FILM	28K	0.5%	1/2W
R045	RN14BE2H1002D	RES. METAL FILM	10K	0.5%	1/2W
R046	RN14BE2H3740D	RES. METAL FILM	374	0.5%	1/2W
R047	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R048	RD14BB2C102J	RES. CARBON	1K	5%	1/6W

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION			
R049	R92-1148-05	RES. METAL FILM	18K	1%	1/5W
R050	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R051	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R052	R92-1134-05	RES. METAL FILM	1K	1%	1/5W
R053	RD14BB2C162J	RES. CARBON	1.6K	5%	1/6W
R054	R92-1140-05	RES. METAL FILM	4.3K	1%	1/5W
R055	R92-1131-05	RES. MRTAL FILM	430	1%	1/5W
R056	RD14BB2C122J	RES. CARBON	1.2K	5%	1/6W
R057	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R058	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R059	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R060	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R061	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R062	RD14BB2C122J	RES. CARBON	1.2K	5%	1/6W
R063	RD14BB2C473J	RES. CARBON	47K	5%	1/6W
R064	R92-1145-05	RES. METAL FILM	10K	1%	1/5W
R065	RD14DB3A101J	RES. CARBON	100	5%	1W
R066	R92-1132-05	RES. METAL FILM	712	1%	1/5W
R067	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R068	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R069	R92-1141-05	RES. METAL FILM	4.7K	1%	1/5W
R070	R92-1137-05	RES. METAL FILM	150	1%	1/5W
R071	RD14BB2C471J	RES. CARBON	470	5%	1/6W
R072	R92-1143-05	RES. METAL FILM	6.8K	1%	1/5W
R072	R92-1143-05	RES. METAL FILM	6.8K	1%	1/5W
R073	R92-1061-05	JUMPING RES.	ZERO OHM		
R074	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R075	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R076	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R077	R92-1141-05	RES. METAL FILM	4.7K	1%	1/5W
R078	R92-1137-05	RES. METAL FILM	150	1%	1/5W
R079	RD14BB2C471J	RES. CARBON	470	5%	1/6W
R080	R92-1143-05	RES. METAL FILM	6.8K	1%	1/5W
R080	R92-1145-05	RES. METAL FILM	10K	1%	1/5W
R081	R92-1061-05	JUMPING RES.	ZERO OHM		
R082	R92-1142-05	RES. METAL FILM	5.1K	1%	1/5W
R083	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R084	R92-1150-05	RES. METAL FILM	100K	1%	1/5W
R085	R92-1136-05	RES. METAL FILM	82	1%	1/5W
R086	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R087	R92-1142-05	RES. METAL FILM	5.1K	1%	1/5W
R088	R92-1145-05	RES. METAL FILM	10K	1%	1/5W
R089	RD14BB2C333J	RES. CARBON	33K	5%	1/6W
R090	RD14BB2C333J	RES. CARBON	33K	5%	1/6W
R091	NO USE				
R092	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R093	RD14BB2C473J	RES. CARBON	47K	5%	1/6W
R094	RD14BB2C473J	RES. CARBON	47K	5%	1/6W
R095	RD14BB2C241J	RES. CARBON	240	5%	1/6W
R100	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R101	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R102	RD14DB2H392J	RES. CARBON	3.9K	5%	1/2W
R103	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R104	RD14BB2C153J	RES. CARBON	15K	5%	1/6W
R105	RD14BB2C123J	RES. CARBON	12K	5%	1/6W
R106	RD14BB2C332J	RES. CARBON	3.3K	5%	1/6W
R107	RD14BB2C472J	RES. CARBON	4.7K	5%	1/6W
R108	R92-1152-05	RES. METAL FILM	470K	1%	1/5W
R109	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R110	RD14BB2C222J	RES. CARBON	2.2K	5%	1/6W
R111	R92-1149-05	RES. METAL FILM	22K	1%	1/5W
R112	RD14BB2C682J	RES. CARBON	6.8K	5%	1/6W
R113	R92-1151-05	RES. METAL FILM	330K	1%	1/5W
R114	RD14BB2C470J	RES. CARBON	47	5%	1/6W
R115	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R116	RD14BB2C472J	RES. CARBON	4.7K	5%	1/6W
R117	RD14BB2C224J	RES. CARBON	220K	5%	1/6W
R118	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R119	RD14BB2C122J	RES. CARBON	1.2K	5%	1/6W
R120	RD14DB3D472J	RES. CARBON	4.7K	5%	2W
R121	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R122	R92-1076-05	RES. METAL GLAZE	27M	5%	1/2W
R123	RD14BB2C472J	RES. CARBON	4.7K	5%	1/6W
R124	RD14BB2C105J	RES. CARBON	1M	5%	1/6W
R127	RD14BB2C911J	RES. CARBON	910	5%	1/6W
R128	R92-1133-05	RES. METAL FILM	5.6K	1%	1/5W
R129	RD14BB2C472J	RES. CARBON	4.7K	5%	1/6W
R130	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R131	R92-1149-05	RES. METAL FILM	22K	1%	1/5W
R132	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R133	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R134	RD14BB2C103J	RES. CARBON	10K	5%	1/6W

REF.NO	PARTS NO	NAME & DESCRIPTION			
R135	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R136	RD14BB2C472J	RES. CARBON	4.7K	5%	1/6W
R137	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R138	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R139	RD14DB3A330J	RES. CARBON	33	5%	1W
R140	RD14DB3A330J	RES. CARBON	33	5%	1W
R141	RD14DB2H102J	RES. CARBON	1K	5%	1/2W
R142	RD14DB2H102J	RES. CARBON	1K	5%	1/2W
R143	R92-0150-05	JUMPING RES.	ZERO OHM		
R144	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
U001	NJM072D	FET INPUT OPERATION AMPLIFIER			
U002	NJM7815A	IC, VOLTAGE REGULATOR			
U003	NJM072D	FET INPUT OPERATION AMPLIFIER			
U004	OP07DP	OPERATIONAL AMPRIFIER			
U005	OP07DP	OPERATIONAL AMPRIFIER			
U006	UPC4558C	OPERATIONAL AMPRIFIER			
U007	NJM072D	FET INPUT OPERATION AMPLIFIER			
U010	NJM7815A	IC, VOLTAGE REGULATOR			
U011	UPC7915HA	IC, VOLTAGE REGULATOR			
U012	UPC4558C	OPERATIONAL AMPRIFIER			
U013	NJM072D	FET INPUT OPERATION AMPLIFIER			
U014	HA17555PS	TIMER			
U015	TLP521-1(A)	PHOTO COUPLER			
U201	LM79L05ACZ	REGULATOR			
U202	LM79L05ACZ	REGULATOR			
VR001	R12-1532-05	RES. SEMI FIXED	2K B		
VR002	R12-4511-05	RES. SEMI FIXED	50K B		
VR003	R12-2518-05	RES. SEMI FIXED	5K B		
VR004	R12-4511-05	RES. SEMI FIXED	50K B		
VR005	R12-3533-05	RES. SEMI FIXED	10K		
VR006	R12-3534-05	RES. SEMI FIXED	20K		
VR007	R12-1531-05	RES. SEMI FIXED	3K B		
VR008	R12-4511-05	RES. SEMI FIXED	50K B		
VR009	R12-1531-05	RES. SEMI FIXED	3K B		
VR010	R12-4511-05	RES. SEMI FIXED	50K B		
VR011	R12-4511-05	RES. SEMI FIXED	50K B		
VR020	R12-3522-05	RES. SEMI FIXED	10K B		

DIGITAL PANEL METER UNIT (PD56-10D)

X76-1260-07

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E33-4072-00	WIRE ASSY			
	J25-5119-12	PCB (UNMOUNTED)			
C001	CE04CW1A470M	CAP. ELECTRO	47	20%	10V
C002	CE04CW1A100M	CAP. ELECTRO	10	20%	10V
C003	C91-1204-05	CAP. CERAMIC	0.22		150V
C004	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C005	CF92V1H104J	CAP. POLYESTER	0.1	5%	50V
C006	CM93BD2A101J	CAP. MICA	100P	5%	100V
C007	CF92V1H223J	CAP. POLYESTER	0.022	5%	50V
C008	C91-1205-05	CAP. CERAMIC	0.1		50V
C009	NO USE				
C010	CE04CW1V2R2M	CAP. ELECTRO	2.2	20%	35V
C011	C91-0591-05	CAP. CERAMIC	0.22		50V
C031	CE04CW1A470M	CAP. ELECTRO	47	20%	10V
C032	CE04CW1A100M	CAP. ELECTRO	10	20%	10V
C033	C91-1204-05	CAP. CERAMIC	0.22		150V
C034	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C035	CF92V1H104J	CAP. POLYESTER	0.1	5%	50V
C036	CM93BD2A101J	CAP. MICA	100P	5%	100V
C037	CF92V1H223J	CAP. POLYESTER	0.022	5%	50V
D001	GL9D03D	DIODE			
D002	GL9D03D	DIODE			
D003	GL9D03D	DIODE			
D004	GL9D03D	DIODE			
D005	LT9002D	LED			
D006	1SS132	DIODE			
D007	1S1544A	DIODE			
D008	1S1544A	DIODE			
D009	1SS132	DIODE			
D031	GL9D03D	DIODE			
D032	GL9D03D	DIODE			
D033	GL9D03D	DIODE			
D034	GL9D03D	DIODE			
D035	LT9002D	LED			

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION			
P003	E31-2513-15	LEAD WIRE WITH CONNECTOR			
P004	E31-2512-15	LEAD WIRE WITH CONNECTOR			
P204	E31-2520-15	LEAD WIRE WITH CONNECTOR			
Q001	DTC144EF	TR. SI, NPN			
Q002	DTC144EF	TR. SI, NPN			
Q003	DTA124EF	TR. SI, PNP			
Q004	2SK117(GR)	FET. N-CHANNEL			
R001	RN14BK2C4703F	RES. METAL FILM	470K	1%	1/6W
R002	RN14BK2C1103F	RES. METAL FILM	110K	1%	1/6W
R003	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R004	RN14BE2E1502F	RES. METAL FILM	15K	1%	1/4W
R005	RN14BE2E1002F	RES. METAL FILM	10K	1%	1/4W
R006	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R009	RD14BB2C123J	RES. CARBON	12K	5%	1/6W
R010	RD14BB2C333J	RES. CARBON	33K	5%	1/6W
R011	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R012	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R013	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R014	R92-1061-05	JUMPING RES.	ZERO OHM		
R015	RD14BB2C301J	RES. CARBON	300	5%	1/6W
R016	RD14BB2C301J	RES. CARBON	300	5%	1/6W
R017	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R018	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R019	RN14BC2E1001F	RES. METAL FILM	1K	1%	1/4W
R022	RN14BK2C1501F	RES. METAL FILM	1.5K	1%	1/6W
R023	RN14BK2C1301F	RES. METAL FILM	1.3K	1%	1/6W
R024	RN14BK2C2201F	RES. METAL FILM	2.2K	1%	1/6W
R025	RN14BC2E1002F	RES. METAL FILM	10K	1%	1/4W
R026	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R027	RD14BB2C364J	RES. CARBON	360K	5%	1/6W
R028	R92-1146-05	RES. METAL FILM	11K	1%	1/5W
R029	R92-1143-05	RES. METAL FILM	6.8K	1%	1/5W
R030	NO USE				
R031	RN14BK2C4703F	RES. METAL FILM	470K	1%	1/6W
R032	RN14BK2C1103F	RES. METAL FILM	110K	1%	1/6W
R033	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R034	RN14BE2E1502F	RES. METAL FILM	15K	1%	1/4W
R035	RN14BE2E1002F	RES. METAL FILM	10K	1%	1/4W
R036	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R037	RD14BB2C391J	RES. CARBON	390	5%	1/6W
R048	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R049	NO USE				
R050	RN14BC2E6201F	RES. METAL FILM	6.2K	1%	1/4W
R055	RN14BC2E1802F	RES. METAL FILM	18K	1%	1/4W
R056	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R21	RN14BK2C2001F	RES. METAL FILM	2K	1%	1/6W
U001	TSC7107CPL-A	OPERATINAL AMPLIFIER			
U002	LM336Z2.5	2.5V REFERENCE DIODE			
U003	LM339N	QUAD COMPARATOR			
U004	MC14011BCP	QUAD 2-INPUT NAND GATE			
U031	TSC7107CPL-A	OPERATINAL AMPLIFIER			
U032	LM336Z2.5	2.5V REFERENCE DIODE			
VR001	R12-3518-05	RES. SEMI FIXED	10K B		
VR002	R12-0568-05	RES. SEMI FIXED	500		
VR003	R12-0556-05	RES. SEMI FIXED	100 B		
VR031	R12-3518-05	RES. SEMI FIXED	10K B		
VR032	R12-0568-05	RES. SEMI FIXED	500		

DIGITAL PANEL METER UNIT (PD56-6D)

X76-1260-08

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E33-4072-00	WIRE ASSY			
	J25-5119-12	PCB (UNMOUNTED)			
C001	CE04CW1A470M	CAP. ELECTRO	47	20%	10V
C002	CE04CW1A100M	CAP. ELECTRO	10	20%	10V
C003	C91-1204-05	CAP. CERAMIC	0.22		150V
C004	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C005	CF92V1H104J	CAP. POLYESTER	0.1	5%	50V
C006	CM93BD2A101J	CAP. MICA	100P	5%	100V
C007	CF92V1H223J	CAP. POLYESTER	0.022	5%	50V
C008	C91-1205-05	CAP. CERAMIC	0.1		50V
C009	NO USE				
C010	CE04CW1V2R2M	CAP. ELECTRO	2.2	20%	35V
C011	C91-0591-05	CAP. CERAMIC	0.22		50V
C031	CE04CW1A470M	CAP. ELECTRO	47	20%	10V
C032	CE04CW1A100M	CAP. ELECTRO	10	20%	10V
C033	C91-1204-05	CAP. CERAMIC	0.22		150V
C034	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
C035	CF92V1H104J	CAP. POLYESTER	0.1	5%	50V
C036	CM93BD2A101J	CAP. MICA	100P	5%	100V
C037	CF92V1H223J	CAP. POLYESTER	0.022	5%	50V
D005	LT9002D	LED			
D006	1SS132	DIODE			
D007	1S1544A	DIODE			
D008	1S1544A	DIODE			
D009	1SS132	DIODE			
D035	LT9002D	LED			
P003	E31-2513-15	LEAD WIRE WITH CONNECTOR			
P004	E31-2512-15	LEAD WIRE WITH CONNECTOR			
P204	E31-2520-15	LEAD WIRE WITH CONNECTOR			
Q001	DTC144EF	TR. SI, NPN			
Q002	DTC144EF	TR. SI, NPN			
Q003	DTA124EF	TR. SI, PNP			
Q004	2SK117(GR)	FET. N-CHANNEL			
R001	GL9D03D	DIODE			
R001	RN14BK2C4703F	RES. METAL FILM	470K	1%	1/6W
R002	GL9D03D	DIODE			
R002	RN14BK2C1103F	RES. METAL FILM	110K	1%	1/6W
R003	GL9D03D	DIODE			
R003	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R004	GL9D03D	DIODE			
R004	RN14BE2E1502F	RES. METAL FILM	15K	1%	1/4W
R005	RN14BE2E1002F	RES. METAL FILM	10K	1%	1/4W
R006	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R009	RD14BB2C123J	RES. CARBON	12K	5%	1/6W
R010	RD14BB2C333J	RES. CARBON	33K	5%	1/6W
R011	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R012	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R013	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R014	R92-1061-05	JUMPING RES.	ZERO OHM		
R015	RD14BB2C301J	RES. CARBON	300	5%	1/6W
R016	RD14BB2C301J	RES. CARBON	300	5%	1/6W
R017	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R018	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R019	RN14BC2E1001F	RES. METAL FILM	1K	1%	1/4W
R020	NO USE				
R021	RN14BK2C2001F	RES. METAL FILM	2K	1%	1/6W
R022	RN14BK2C1501F	RES. METAL FILM	1.5K	1%	1/6W
R023	RN14BK2C1301F	RES. METAL FILM	1.3K	1%	1/6W
R024	RN14BK2C2201F	RES. METAL FILM	2.2K	1%	1/6W
R025	RN14BC2E1002F	RES. METAL FILM	10K	1%	1/4W
R026	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R027	RD14BB2C364J	RES. CARBON	360K	5%	1/6W
R028	R92-1146-05	RES. METAL FILM	11K	1%	1/5W
R029	R92-1143-05	RES. METAL FILM	6.8K	1%	1/5W
R030	NO USE				
R031	RN14BK2C4703F	RES. METAL FILM	470K	1%	1/6W
R032	GL9D03D	DIODE			
R032	RN14BK2C1103F	RES. METAL FILM	110K	1%	1/6W
R033	GL9D03D	DIODE			
R033	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R034	GL9D03D	DIODE			
R034	RN14BE2E1502F	RES. METAL FILM	15K	1%	1/4W
R035	RN14BE2E1002F	RES. METAL FILM	10K	1%	1/4W
R036	RD14BB2C161J	RES. CARBON	160	5%	1/6W
R037	RD14BB2C391J	RES. CARBON	390	5%	1/6W
R048	RD14BB2C104J	RES. CARBON	100K	5%	1/6W
R049	NO USE				
R050	RN14BC2E3241F	RES. METAL FILM	3.24K	1%	1/4W
R055	RN14BC2E1802F	RES. METAL FILM	18K	1%	1/4W

PARTS LIST

REF.NO	PARTS NO	NAME & DESCRIPTION			
R056	RD14BB2C161J	RES. CARBON	160	5%	1/6W
U001	TSC7107CPL-A	OPERATINAL AMPLIFIER			
U002	LM336Z2.5	2.5V REFERENCE DIODE			
U003	LM339N	QUAD COMPARATOR			
U004	MC14011BCP	QUAD 2-INPUT NAND GATE			
U031	TSC7107CPL-A	OPERATINAL AMPLIFIER			
U032	LM336Z2.5	2.5V REFERENCE DIODE			
VR001	R12-3518-05	RES. SEMI FIXED 10K B			
VR002	R12-0568-05	RES. SEMI FIXED 500			
VR003	R12-0556-05	RES. SEMI FIXED 100 B			
VR031	R12-3518-05	RES. SEMI FIXED 10K B			
VR032	R12-0568-05	RES. SEMI FIXED 500			

OVER VOLTAGE PROTECTION UNIT

X77-1400-03

REF.NO	PARTS NO	NAME & DESCRIPTION			
	J19-1641-14	HOLDER FOR LED			
	J25-5158-23	PCB (UNMOUNTED)			
C001	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C002	NO USE				
C003	CK45B1H102K	CAP. CERAMIC	1000P	10%	50V
C004	CF92V1H103J	CAP. POLYESTER	0.01	5%	50V
C007	CE04W1H470M	CAP. ELECTRO	47	20%	50V
D001	DSA1A2	DIODE			
D002	DSA1A2	DIODE			
D003	DSA1A2	DIODE			
D004	DSA1A2	DIODE			
D005	RD6.2EB3	DIODE			
D006	1SS132	DIODE			
D007	1SS132	DIODE			
D008	1SS132	DIODE			
D009	1SS132	DIODE			
D010	CSM2B2A30	SCR			
D011	DSA1A2	DIODE			
D012	1SS132	DIODE			
D013	LN222RP	LED			
D014	DSA1A2	DIODE			
D015	DSA1A2	DIODE			
D016	1SS132	DIODE			
D017	1SS132	DIODE			
P005	E40-0273-05	PIN CONNECTOR	2 P		
P006	E40-1373-05	PIN CONNECTOR	13 P		
P007	E40-0273-05	PIN CONNECTOR	2 P		
P008	E40-0373-05	PIN CONNECTOR	3 P		
P009	E40-0273-05	PIN CONNECTOR	2 P		
P010	E40-0273-05	PIN CONNECTOR	2 P		
P011	E40-0273-05	PIN CONNECTOR	2 P		
P012	E40-0273-05	PIN CONNECTOR	2 P		
P302	E40-0273-05	PIN CONNECTOR	2 P		
P303	NO USE				
P304	E40-0273-05	PIN CONNECTOR	2 P		
P305	E40-0273-05	PIN CONNECTOR	2 P		
Q001	2SC2481(O)	TR. SI, NPN			
Q002	2SA1175(F)	TR. SI, PNP			
Q003	2SC2785(F)	TR. SI, NPN			
Q004	2SC2785(F)	TR. SI, NPN			
Q005	2SA1175(F)	TR. SI, PNP			
R001	RD14DB3A102J	RES. CARBON	1K	5%	1W
R002	CE04W1C101M	CAP. ELECTRO	100	20%	16V
R002	RD14DB3A102J	RES. CARBON	1K	5%	1W
R003	RN14BE2E3831D	RES. METAL FILM	3.83K	0.5%	1/4W
R004	RN14BE2H1962D	RES. METAL FILM	19.6K	0.5%	1/2W
R005	CE04W1C101M	CAP. ELECTRO	100	20%	16V
R005	RN14BC2E2200F	RES. METAL FILM	220	1%	1/4W
R006	CE04W1C101M	CAP. ELECTRO	100	20%	16V
R006	RN14BC2E1000F	RES. METAL FILM	100	1%	1/4W
R007	RN14BC2H7500F	RES. METAL FILM	750	1%	1/2W
R008	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R009	RD14BB2C392J	RES. CARBON	3.9K	5%	1/6W
R010	RD14BB2C471J	RES. CARBON	470	5%	1/6W
R011	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R012	RD14BB2C272J	RES. CARBON	2.7K	5%	1/6W
R013	RD14BB2C471J	RES. CARBON	470	5%	1/6W
R014	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R015	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R016	RD14BB2C223J	RES. CARBON	22K	5%	1/6W
R017	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R018	RD14BB2C221J	RES. CARBON	220	5%	1/6W
R019	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R020	RD14BB2C362J	RES. CARBON	3.6K	5%	1/6W
R021	RD14BB2C182J	RES. CARBON	1.8K	5%	1/6W
R022	RD14BB2C621J	RES. CARBON	620	5%	1/6W
R023	RD14BB2C101J	RES. CARBON	100	5%	1/6W
R024	RD14DB2H222J	RES. CARBON	2.2K	5%	1/2W
R025	RD14DB2H102J	RES. CARBON	1K	5%	1/2W
R026	RD14BB2C103J	RES. CARBON	10K	5%	1/6W
R027	RD14BB2C512J	RES. CARBON	5.1K	5%	1/6W
R028	RD14BB2C361J	RES. CARBON	360	5%	1/6W
R031	RN14BE2H1962D	RES. METAL FILM	19.6K	0.5%	1/2W
R032	RD14BB2C183J	RES. CARBON	18K	5%	1/6W
R033	RD14BB2C272J	RES. CARBON	2.7K	5%	1/6W
R034	RD14BB2E162J	RES. CARBON	1.6K	5%	1/4W
S001	S40-1519-05	PUSH SWITCH			
S002	S40-1518-05	PUSH SWITCH			
S003	S40-1518-05	PUSH SWITCH			
U001	NJM311D	IC			
U002	UPC4558C	OPERATIONAL AMPRIFIER			
VR001	R12-1524-05	RES. SEMI FIXED 2.5K			

RECTIFIER UNIT (PD56-10/10D)

X81-1590-01

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E33-4098-00	WIRE ASSY			
	J25-5100-03	PCB (UNMOUNTED)			
	212-1018-05	TUBE (PLASTIC)			
C007	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
C008	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
C009	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
D003	CTM-34R	DIODE			
D004	NO USE				
D005	CTM-34R	DIODE			
D006	CTM-34R	DIODE			
D016	DSA1A4	DIODE			
J001	E23-0555-05	G. TERMINAL			
J002	E23-0555-05	G. TERMINAL			
J003	E23-0555-05	G. TERMINAL			
J004	E23-0555-05	G. TERMINAL			
J005	E23-0555-05	G. TERMINAL			
J006	E23-0555-05	G. TERMINAL			
J007	E23-0555-05	G. TERMINAL			
J008	E23-0555-05	G. TERMINAL			
J009	E23-0556-05	G. TERMINAL			
P021	E40-0373-05	PIN CONNECTOR	3 P		
P022	E40-0273-05	PIN CONNECTOR	2 P		
P023	E40-0573-05	PIN CONNECTOR	5 P		
Q001	2SC3281(R)	TR. SI, NPN			
Q002	2SC3281(R)	TR. SI, NPN			
Q003	2SC3281(R)	TR. SI, NPN			
Q004	2SC3281(R)	TR. SI, NPN			
Q005	2SC3281(R)	TR. SI, NPN			
R001	R92-1167-05	RES. FIXED			
R002	R92-1167-05	RES. FIXED			
R003	R92-1167-05	RES. FIXED			
R004	R92-1167-05	RES. FIXED			
R005	R92-1167-05	RES. FIXED			
R006	NO USE				
R007	RD14DB2H101J	RES. CARBON	100	5%	1/2W
R011	RD14DB3A330J	RES. CARBON	33	5%	1W
R012	RD14DB3A330J	RES. CARBON	33	5%	1W
R013	RD14DB3A330J	RES. CARBON	33	5%	1W

PARTS LIST

RECTIFIER UNIT (PD56-6/6D)

X81-1590-02

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E33-4098-00	WIRE ASSY			
	J25-5100-03	PCB (UNMOUNTED)			
	212-1018-05	TUBE (PLASTIC)			
C007	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
C008	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
C009	CF93AN2G104K	CAP. POLYESTER	0.1	10%	400V
D003	CTM-34R	DIODE			
D004	NO USE				
D005	CTM-34R	DIODE			
D006	CTM-34R	DIODE			
D016	DSA1A4	DIODE			
J001	E23-0555-05	G. TERMINAL			
J002	E23-0555-05	G. TERMINAL			
J003	E23-0555-05	G. TERMINAL			
J004	E23-0555-05	G. TERMINAL			
J005	E23-0555-05	G. TERMINAL			
J006	E23-0555-05	G. TERMINAL			
J007	E23-0555-05	G. TERMINAL			
J008	E23-0555-05	G. TERMINAL			
J009	E23-0556-05	G. TERMINAL			
P021	E40-0373-05	PIN CONNECTOR	3 P		
P022	E40-0273-05	PIN CONNECTOR	2 P		
P023	E40-0573-05	PIN CONNECTOR	5 P		
Q001	2SC3281(R)	TR. SI, NPN			
Q002	NO USE				
Q003	2SC3281(R)	TR. SI, NPN			
Q004	NO USE				
Q005	2SC3281(R)	TR. SI, NPN			
R001	R92-1167-05	RES. FIXED			
R002	NO USE				
R003	R92-1167-05	RES. FIXED			
R004	NO USE				
R005	R92-1167-05	RES. FIXED			
R006	NO USE				
R007	RD14DB2H101J	RES. CARBON	100	5%	1/2W
R011	RD14DB3A330J	RES. CARBON	33	5%	1W
R012	RD14DB3A330J	RES. CARBON	33	5%	1W
R013	RD14DB3A330J	RES. CARBON	33	5%	1W

CURRENT DIFECTER UNIT (PD56-6)

X81-1850-00

REF.NO	PARTS NO	NAME & DESCRIPTION	
	J25-5135-14	PCB (UNMOUNTED)	
	212-1018-05	TUBE (PLASTIC)	
J011	E23-0555-05	G. TERMINAL	
J012	E23-0555-05	G. TERMINAL	
J013	E23-0555-05	G. TERMINAL	
P207	E40-0273-05	PIN CONNECTOR	2 P
P208	E40-0373-05	PIN CONNECTOR	3 P
R010	R92-1168-05	RES. FIXED	

CURRENT DIFECTER UNIT (PD6-6D)

X81-1850-01

REF.NO	PARTS NO	NAME & DESCRIPTION	
	J25-5135-14	PCB (UNMOUNTED)	
	212-1018-05	TUBE (PLASTIC)	
J011	E23-0555-05	G. TERMINAL	
J012	E23-0555-05	G. TERMINAL	
J013	E23-0555-05	G. TERMINAL	
P205	E40-0273-05	PIN CONNECTOR	2 P
P206	NO USE		
P207	E40-0273-05	PIN CONNECTOR	2 P
P208	E40-0373-05	PIN CONNECTOR	3 P
R010	R92-1168-05	RES. FIXED	

CONSTANT I UNIT (PD56-10/10D)

X81-1980-07

REF.NO	PARTS NO	NAME & DESCRIPTION			
	E33-4110-00	WIRE ASSY			
	J25-5157-03	PCB (UNMOUNTED)			
	212-1018-05	TUBE (PLASTIC)			
C014	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
D015	RD24F(B2)	DIODE			
D016	RD24F(B2)	DIODE			
D033	CRDE-501	DIODE			
P013	E40-0673-05	PIN CONNECTOR	6 P		
P307	E40-0773-05	PIN CONNECTOR	7 P		
P308	E40-0873-05	PIN CONNECTOR	8 P		
P309	E40-0473-05	PIN CONNECTOR	4 P		
P310	E40-0473-05	PIN CONNECTOR	4 P		
P311	E40-0273-05	PIN CONNECTOR	2 P		
P312	E40-0373-05	PIN CONNECTOR	3 P		
Q007	2SC3182(R)	TR. SI, NPN			
Q008	2SA1265(R)	TR. SI, PNP			
Q009	2SC3066(F,G)	TR. SI, NPN			
R008	RD14BB2E821J	RES. CARBON	820	5%	1/4W
R009	RD14DB2H101J	RES. CARBON	100	5%	1/2W
R015	RD14DB3F302J	RES. CARBON	3K	5%	3W
R016	RD14DB3F302J	RES. CARBON	3K	5%	3W
R017	NO USE				
R018	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R019	RD14DB2H6R8J				
R022	RD14BB2C102J	RES. CARBON	1K	5%	1/6W

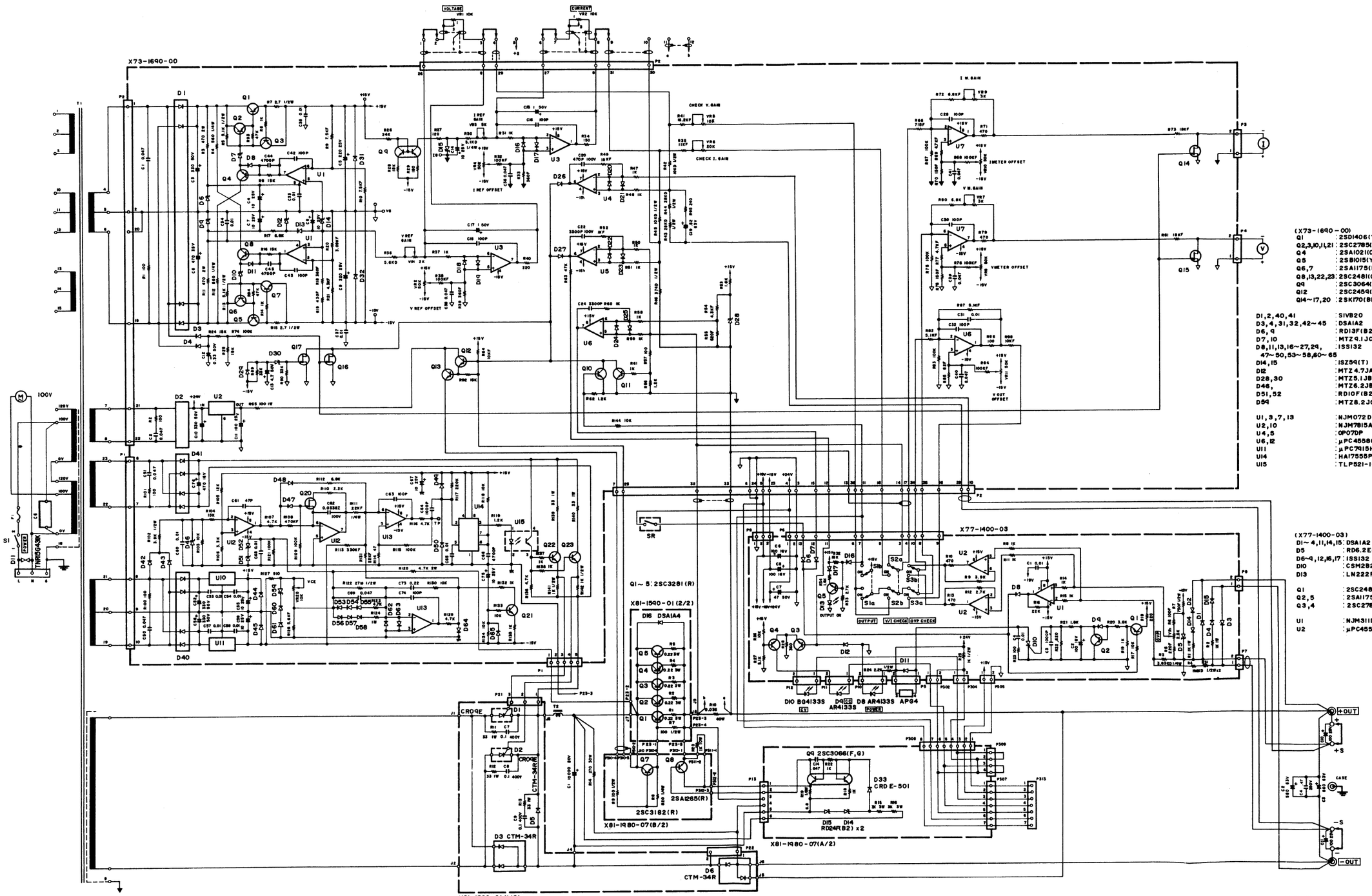
PARTS LIST

CONSTANT I UNIT (PD56-6/6D)

X81-1980-08

REF.NO	PARTS NO	NAME & DESCRIPTION			
	B33-4110-00	WIRE ASSY			
	J25-5157-03	PCB (UNMOUNTED)			
	212-1018-05	TUBE (PLASTIC)			
C014	CF92V1H473J	CAP. POLYESTER	0.047	5%	50V
D015	RD24F(B2)	DIODE			
D016	RD24F(B2)	DIODE			
D033	CRDE-501	DIODE			
P013	E40-0673-05	PIN CONNECTOR	6 P		
P307	E40-0773-05	PIN CONNECTOR	7 P		
P308	E40-0873-05	PIN CONNECTOR	8 P		
P309	E40-0473-05	PIN CONNECTOR	4 P		
P310	E40-0473-05	PIN CONNECTOR	4 P		
P311	E40-0273-05	PIN CONNECTOR	2 P		
P312	E40-0373-05	PIN CONNECTOR	3 P		
Q007	2SC3182(R)	TR. SI, NPN			
Q008	2SA1265(R)	TR. SI, PNP			
Q009	2SC3066(F,G)	TR. SI, NPN			
R008	RD14BB2E821J	RES. CARBON	820	5%	1/4W
R009	RD14DB2H101J	RES. CARBON	100	5%	1/2W
R015	RD14DB3F302J	RES. CARBON	3K	5%	3W
R016	RD14DB3F302J	RES. CARBON	3K	5%	3W
R017	NO USE				
R018	RD14BB2C102J	RES. CARBON	1K	5%	1/6W
R019	RD14DB2H6R8J				
R022	RD14BB2C102J	RES. CARBON	1K	5%	1/6W

SCHEMATIC DIAGRAM (PD56-10)



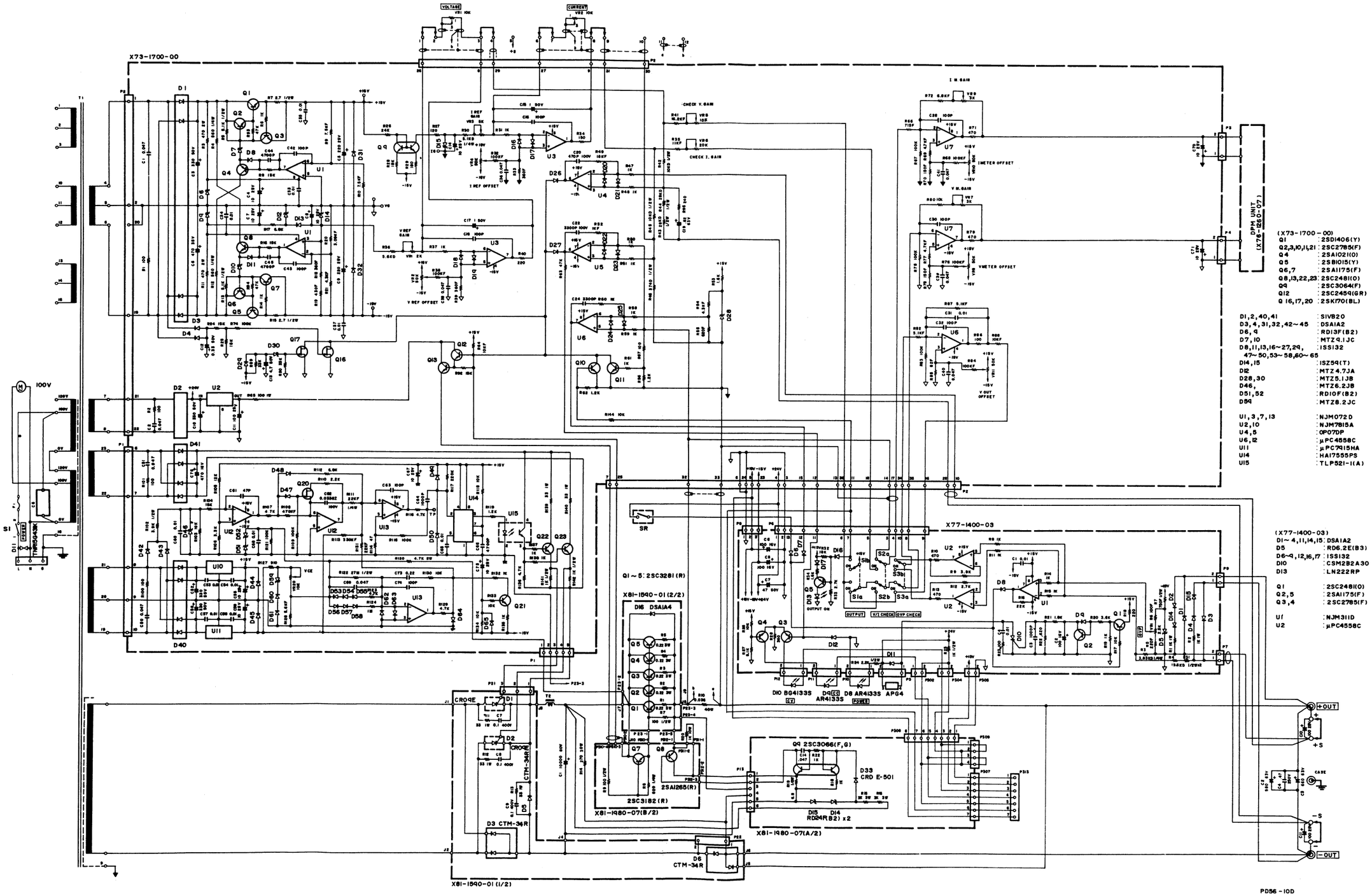
(X73-1690-00)

Q1	: 2SD1406(Y)
Q2,3,10,11,21	: 2SC2785(F)
Q4	: 2SA1021(O)
Q5	: 2SB0015(Y)
Q6,7	: 2SA1175(F)
Q8,13,22,23	: 2SC2481(O)
Q9	: 2SC3064(F)
Q12	: 2SC2459(GR)
Q14~17,20	: 2SK170(BL)
D1,2,40,41	: SIVB20
D3,4,31,32,42~45	: DSA1A2
D6, 9	: RD13F(B2)
D7,10	: MTZ9.1JC
D8,11,13,16~27,24, 47~50,53~58,60~65	: 1SS132
D14,15	: 1SZ59(T)
D12	: MTZ4.7JA
D28,30	: MTZ5.1JB
D46,	: MTZ6.2JB
D51,52	: RD10F(B2)
D59	: MTZ8.2JC
U1,3,7,13	: NJM072D
U2,10	: NJM7815A
U4,5	: OP07DP
U6,12	: μPC4558C
U11	: μPC7915HA
U14	: HA17555PS
U15	: TLP521-1(A)

(X77-1400-03)

D1~4,11,14,15	: DSA1A2
D5	: RD6.2E(B3)
D6~9,12,16,17	: 1SS132
D10	: CSM282A30
D13	: LN222RP
Q1	: 2SC2481(O)
Q2,5	: 2SA1175(F)
Q3,4	: 2SC2785(F)
U1	: NJM311D
U2	: μPC4558C

SCHEMATIC DIAGRAM (PD56-10D)



(X73-1700-00)

Q1	: 2SD1406(Y)
Q2,3,10,11,21	: 2SC2785(F)
Q4	: 2SA1021(O)
Q5	: 2SB1015(Y)
Q6,7	: 2SA1175(F)
Q8,13,22,23	: 2SC2481(O)
Q9	: 2SC3064(F)
Q12	: 2SC2459(GR)
Q 16,17,20	: 2SK170(BL)

D1,2,40,41	: SIVB20
D3,4,31,32,42~45	: DSA1A2
D6,9	: RD13F(B2)
D7,10	: MTZ9.1JC
D8,11,13,16~27,29, 47~50,53~58,60~65	: 1SS132
D14,15	: ISZ59(T)
D12	: MTZ4.7JA
D28,30	: MTZ5.1JB
D46,	: MTZ6.2JB
D51,52	: RD10F(B2)
D59	: MTZ8.2JC
U1,3,7,13	: NJM072D
U2,10	: NJM7815A
U4,6	: OP07DP
U5,12	: μPC4558C
U11	: μPC7915HA
U14	: HA17555PS
U15	: TLP521-1(A)

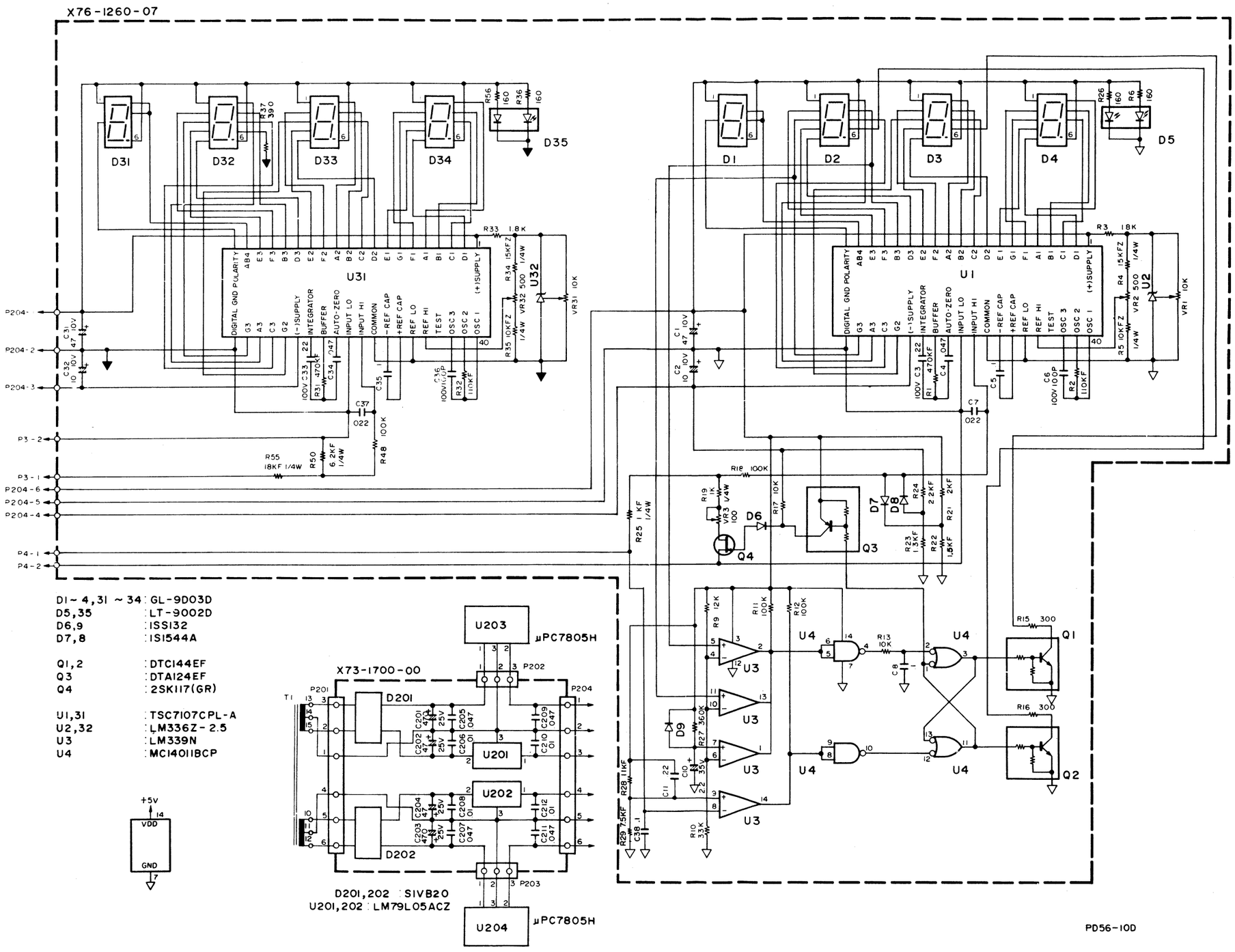
(X77-1400-03)

D1~4,11,14,15	: DSA1A2
D5	: RD6.2E(B3)
D6~9,12,16,17	: 1SS132
D10	: CSM282A30
D13	: LN222RP
Q1	: 2SC2481(O)
Q2,5	: 2SA1175(F)
Q3,4	: 2SC2785(F)
U1	: NJM311D
U2	: μPC4558C

SCHEMATIC DIAGRAM (PD56-10D)

DPM UNIT PD56-10D

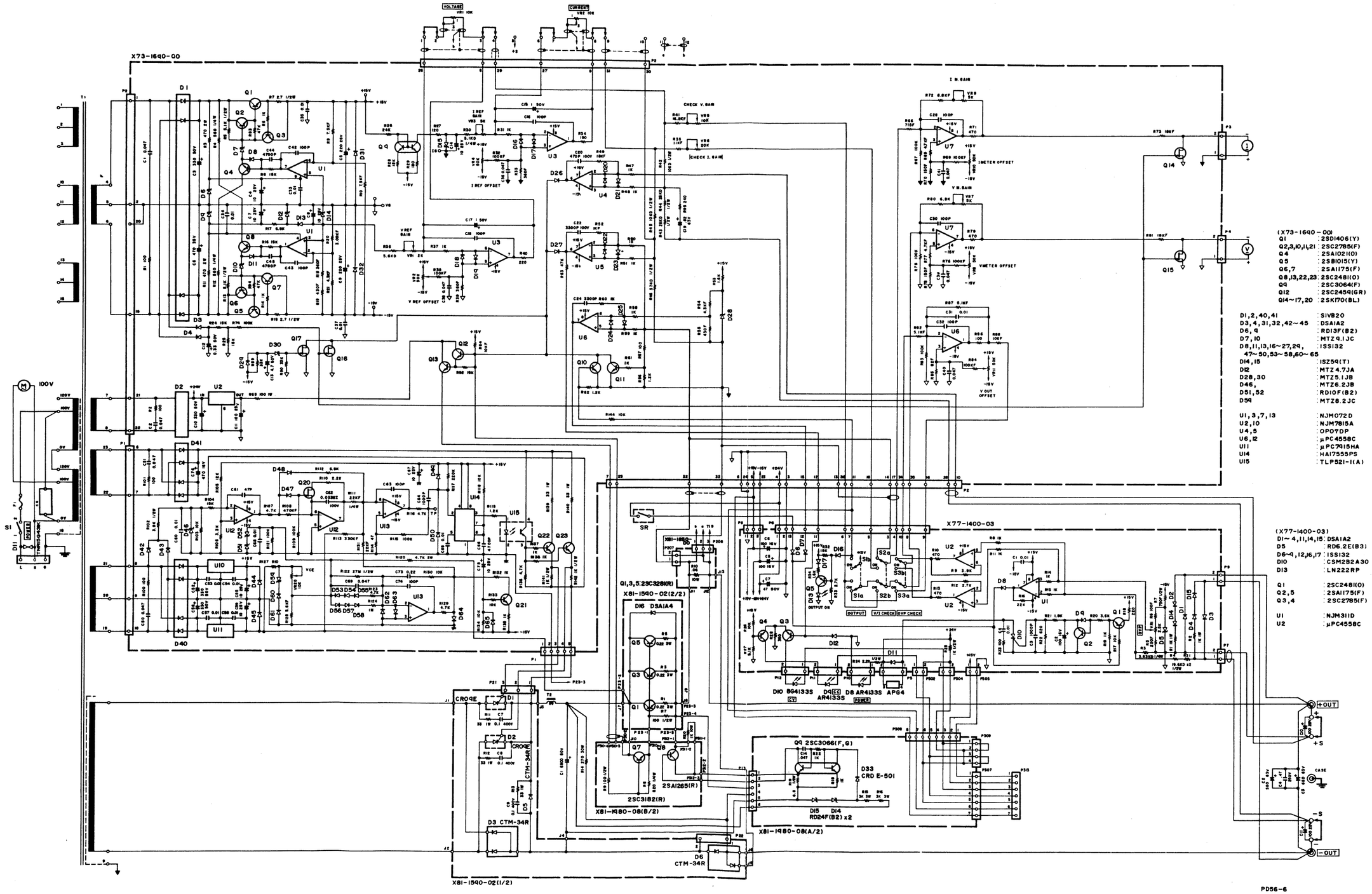
X76-1260-07



D1~4,31~34	GL-9D03D
D5,35	LT-9002D
D6,9	ISS132
D7,8	IS1544A
Q1,2	DTC144EF
Q3	DTA124EF
Q4	2SK117(GR)
U1,31	TSC7107CPL-A
U2,32	LM336Z-2.5
U3	LM339N
U4	MC14011BCP

PD56-10D

SCHEMATIC DIAGRAM (PD56-6)



(X73-1640-00)

Q1	2SD1406(Y)
Q2,3,10,11,21	2SC2785(F)
Q4	2SA1021(O)
Q5	2SB1015(Y)
Q6,7	2SA1175(F)
Q8,13,22,23	2SC2681(O)
Q9	2SC3064(F)
Q12	2SC2459(GR)
Q14~17,20	2SK170(BL)

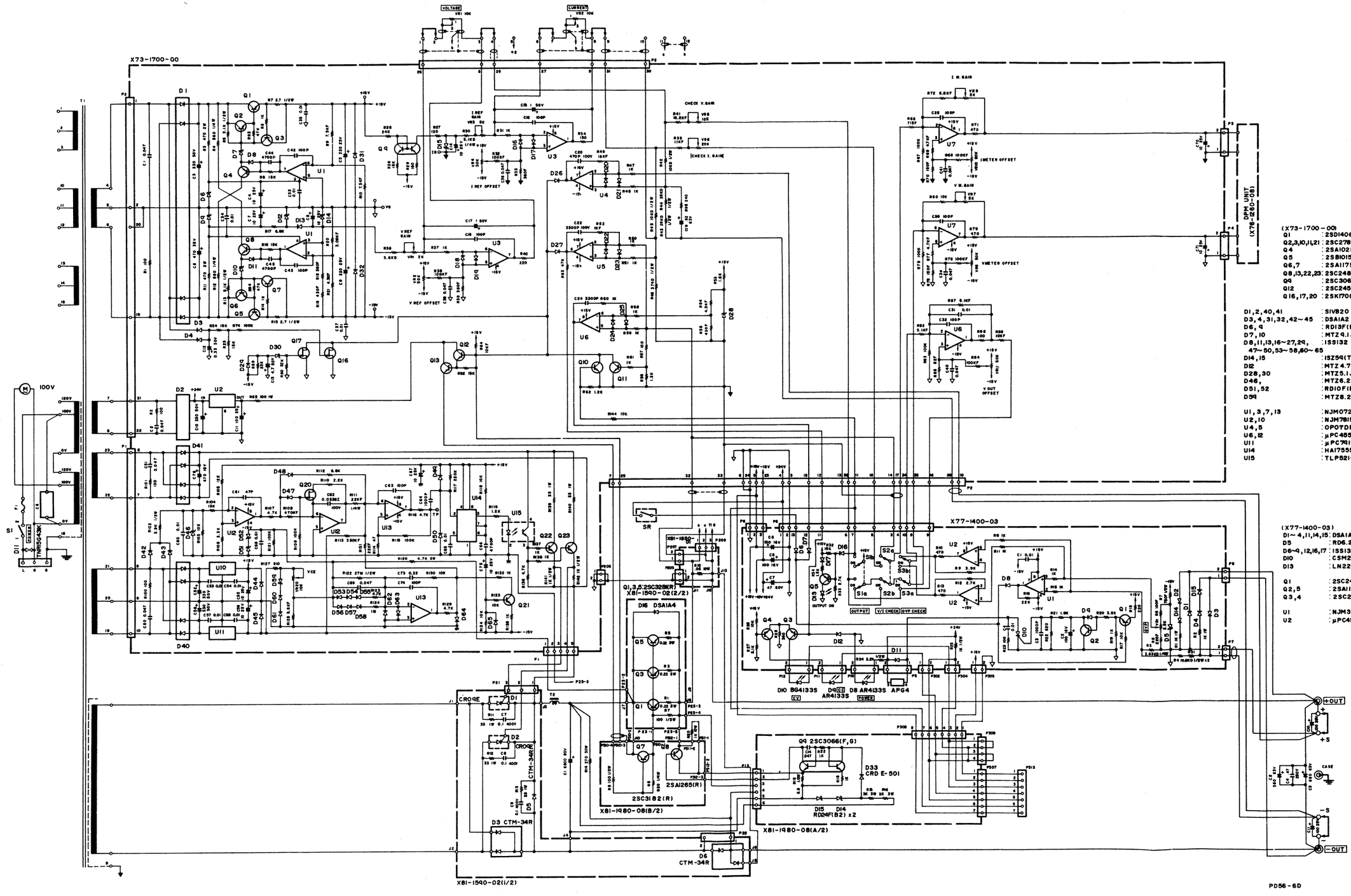
D1,2,40,41	SIVB20
D3,4,31,32,42~45	DSAIA2
D6,9	RD13F(B2)
D7,10	MTZ9.1JC
D8,11,13,16~27,29, 47~50,53~58,60~65	1SS132
D14,15	1SZ59(T)
D12	MTZ4.7JA
D28,30	MTZ5.1JB
D46,	MTZ6.2JB
D51,52	RD10F(B2)
D59	MTZ8.2JC
U1,3,7,13	NJM072D
U2,10	NJM7815A
U4,5	OP07DP
U6,12	μPC4558C
U11	μPC7915HA
U14	HAI7555PS
U15	TLP521-1(A)

(X77-1400-03)

D1~4,11,14,15	DSAIA2
D5	RD6.2E(B3)
D6~9,12,16,17	1SS132
D10	CSM2B2A30
D13	LN222RP
Q1	2SC2481(O)
Q2,5	2SA1175(F)
Q3,4	2SC2785(F)
U1	NJM311D
U2	μPC4558C

PD56-6

SCHEMATIC DIAGRAM (PD56-6D)



(X73-1700-00)

Q1	: 2SD1406(Y)
Q2,3,10,11,21	: 2SC2785(F)
Q4	: 2SA1021(O)
Q5	: 2SB1015(Y)
Q6,7	: 2SA1175(F)
Q8,13,22,23	: 2SC2481(O)
Q9	: 2SC3064(F)
Q12	: 2SC2454(GR)
Q16,17,20	: 2SK170(BL)
D1,2,40,41	: SIVB20
D3,4,31,32,42~45	: DSA1A2
D6,9	: RD13F(B2)
D7,10	: MTZ9.1JC
D8,11,13,16~27,29, 47~50,53~58,60~65	: 1SS132
D14,15	: ISZ54(T)
D12	: MTZ4.7JA
D28,30	: MTZ5.1JB
D46,	: MTZ6.2JB
D51,52	: RD10F(B2)
D59	: MTZ8.2JC
U1,3,7,13	: NJM072D
U2,10	: NJM78I5A
U4,5	: OPO7DP
U6,12	: μPC4558C
U11	: μPC7915HA
U14	: HA17555PS
U15	: TLP521-1(A)

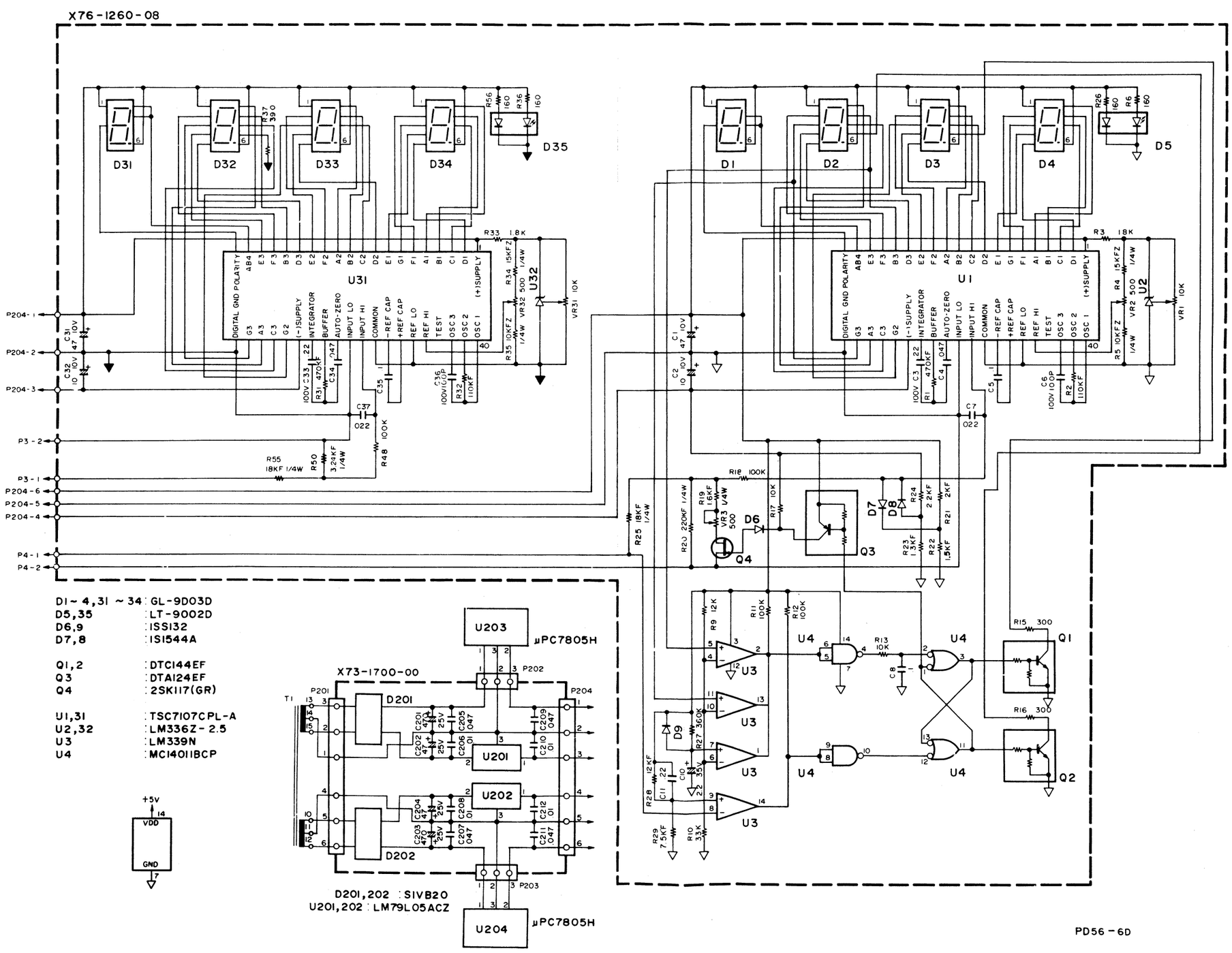
(X77-1400-03)

D1~4,11,14,15	: DSA1A2
D5	: RD6.2E(B3)
D6~9,12,16,17	: 1SS132
D10	: CSM2B2A30
D13	: LN222RP
Q1	: 2SC2481(O)
Q2,5	: 2SA1175(F)
Q3,4	: 2SC2785(F)
U1	: NJM311D
U2	: μPC4558C

SCHEMATIC DIAGRAM (PD56-6D)

DPM UNIT PD56-6D

X76-1260-08



D1~4,31~34 : GL-9D03D
D5,35 : LT-9002D
D6,9 : ISS132
D7,8 : IS1544A

Q1,2 : DTC144EF
Q3 : DTA124EF
Q4 : 2SK117(GR)

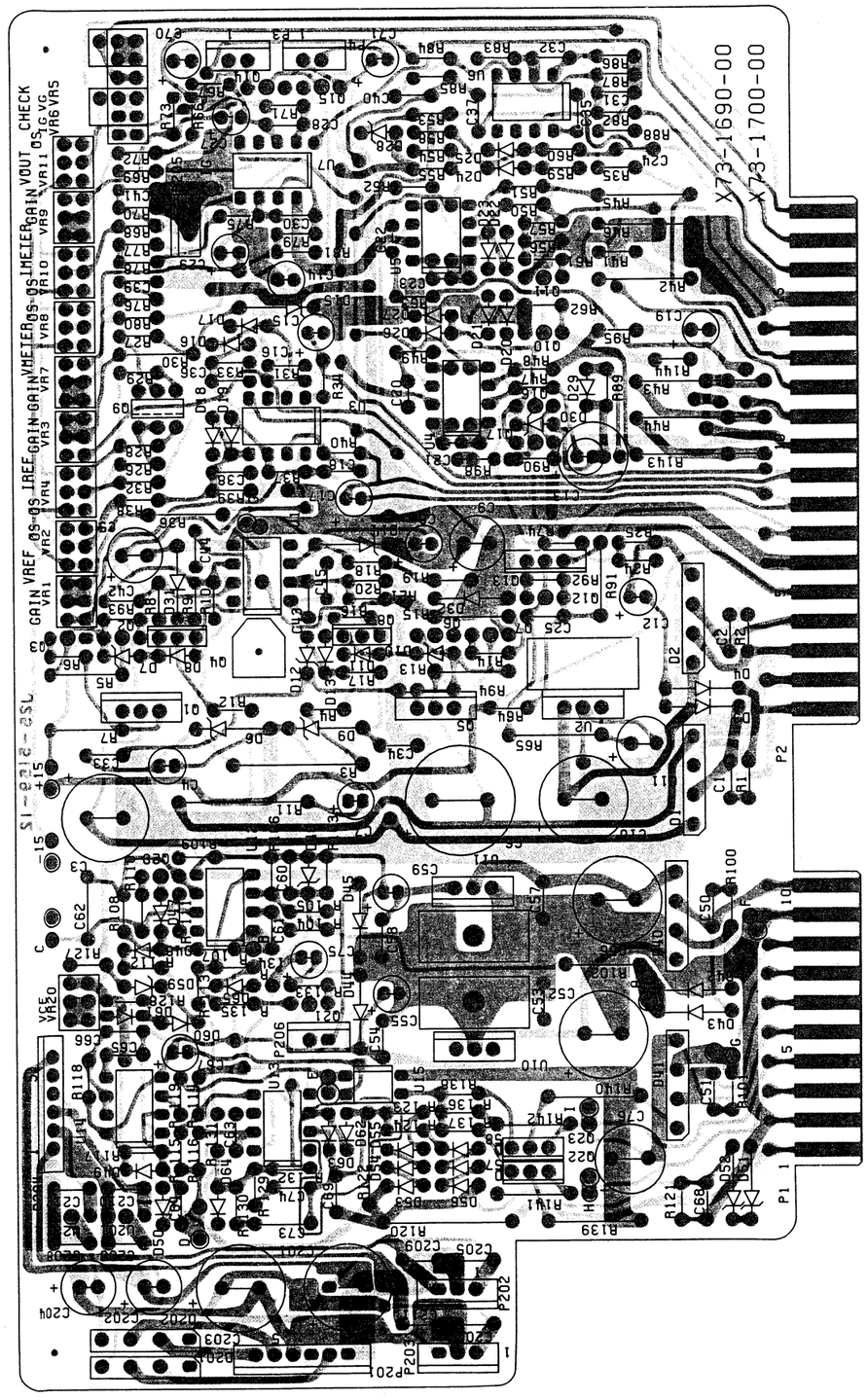
U1,31 : TSC7107CPL-A
U2,32 : LM336Z-2.5
U3 : LM339N
U4 : MC14011BCP

D201,202 : SIVB20
U201,202 : LM79L05ACZ

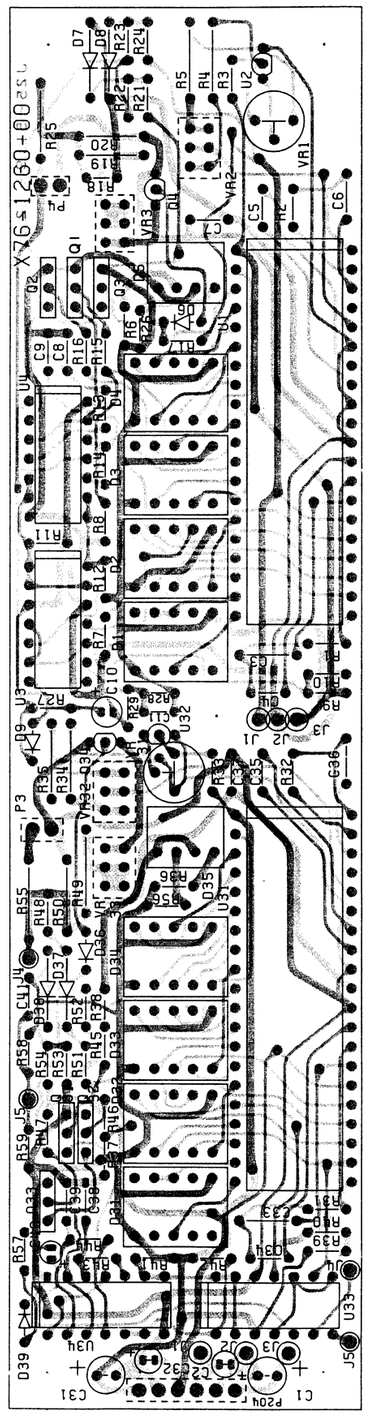
PD56-6D

P. C. BOARD

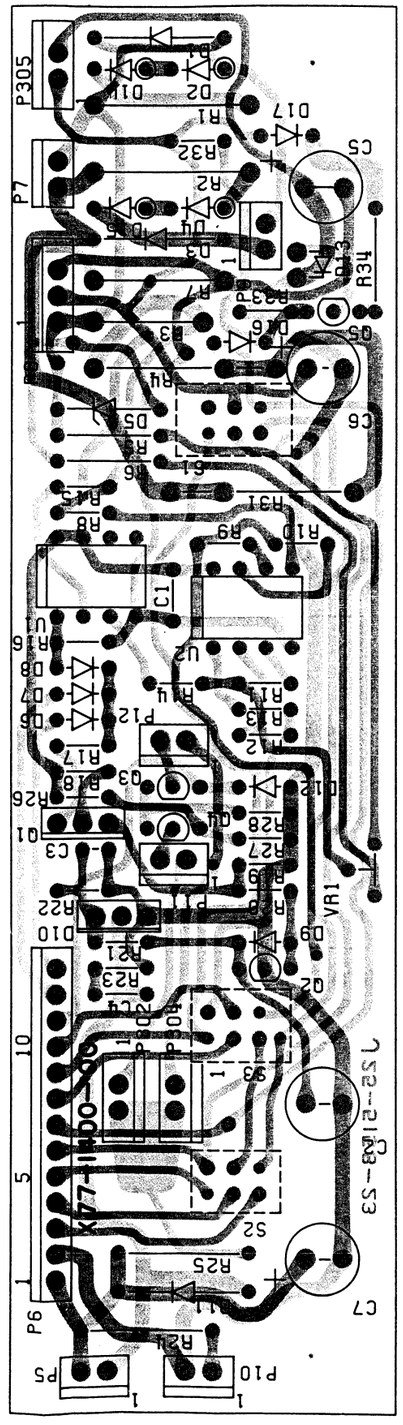
AMPLIFIER UNIT
(X73-1690-00/PD56-6/10) (X73-1700-00/PD56-6D/10D)



DIGITAL PANEL METER UNIT
(X76-1260-07/PD56-10D)
(X76-1260-08/PD56-6D)

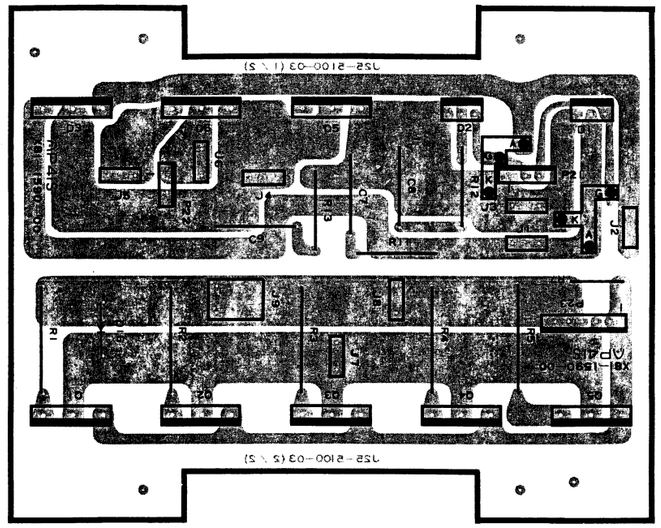


OVER VOLTAGE PROTECTION UNIT
(X77-1400-03)

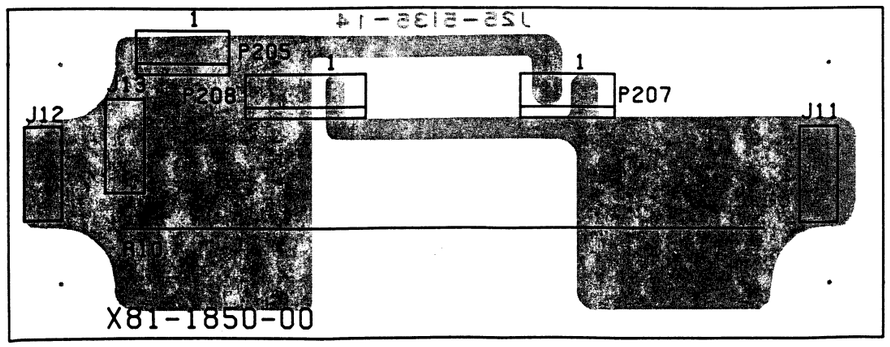


P. C. BOARD

RECTIFIER UNIT
(X81-1590-01/PD56-10/10D) (X81-1590-02/PD56-6/6D)

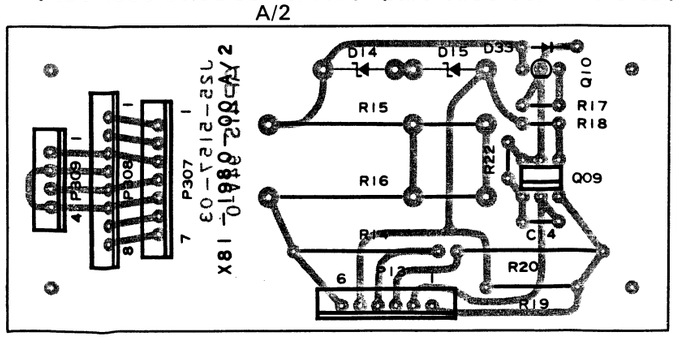


CURRENT DIFECTER UNIT
(X81-1850-00/PD56-6) (X81-1851-01/PD56-6D)

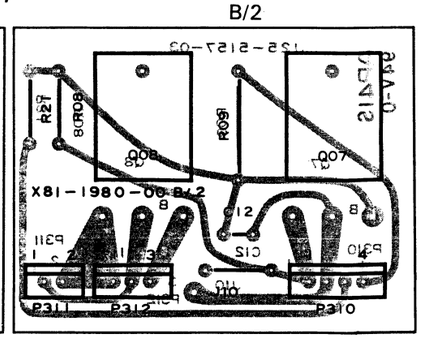


CONSTANT I UNIT
(X81-1980-07/PD56-10/10D) (X81-1980-08/PD56-6/6D)

A/2



B/2



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